EXHIBIT 12

	Page 1
1	
2	IN THE UNITED STATES DISTRICT COURT
	FOR THE EASTERN DISTRICT OF VIRGINIA
3	ALEXANDRIA DIVISION
4	
5	UNITED STATES,)1:23-cv-00108-LMB-JFA
	et al.,
6)
	Plaintiffs,)
7)
	vs.
8)
	GOOGLE LLC,)
9)
	Defendants.)
10)
11	
12	
	VIDEOTAPED DEPOSITION OF
13	
	KENDALL OLIPHANT
14	
	August 9, 2023
15	
	9:32 a.m.
16	
17	
18	
19	
20	
21	
	Reported by: Bonnie L. Russo
22	Job No. 6031956

Veritext Legal Solutions

973-410-4098

800-567-8658

1	Page 2 Videotaped Deposition of Kendall Oliphant	1	Page 4 APPEARANCES (CONTINUED):
2	held at:	2	AITEARANCES (CONTINUED).
3	neid at.	3	
4		4	Also Present:
5	Dalwin Didi I wil 4 0 Co. in IID	5	Glen Fortner, Videographer
6	Paul, Weiss, Rifkind, Wharton & Garrison, LLP	6	Michael A. Cannon, Chief Counsel for Economic
7	2001 K Street, N.W.	7	Affairs, United States Department of Commerce
8	Washington, D.C.	8	AL D. AV. D. AL
9		9	Also Present Via Remotely:
10		10	Julia Wood, DOJ
11		11	Jeannie S. Rhea, Paul, Weiss, Rifkind, Wharton
12		12	& Garrison, LLP
13		13	
14		14	
15		15	
16		16	
17		17	
18	Pursuant to Notice, when were present on behalf	18	
19	of the respective parties:	19	
20		20	
21		21	
22		22	
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1	APPEARANCES:	1	INDEX
2		2	EXAMINATION OF KENDALL OLIPHANT PAGE
3	On behalf of the Plaintiffs:	3	BY MS. GOODMAN 12
4	RACHEL ZWOLINSKI, ESQUIRE	4	
5	VICTOR LIU, ESQUIRE	5	
6	ALVIN CHU, ESQUIRE	6	
7	UNITED STATES DEPARTMENT OF JUSTICE	7	
8	1331 Pennsylvania Avenue, N.W.		EXHIBITS
9	Washington, D.C. 20005	8	
10	rachel.zwolinski@usdoj.gov	9	Exhibit 13 E-Mail Chain dated 1-17-23 48
11	0 36	10	CENSUS-ADS-0000244816-818
12	On behalf of the Defendant:	11	
13	MARTHA L. GOODMAN, ESQUIRE	12	Exhibit 14 Integrated Communications 79
14	ANNELISE CORRIVEAU, ESQUIRE	13	Contract
15	PAUL, WEISS, RIFKIND, WHARTON &	14	Version 2
16	GARRISON, LLP	15	10-5-18
17	2001 K Street, N.W.	16	CENSUS-ADS-0000387420-490
1 * /	2001 11 500000 111111	17	
18	Washington D.C. 20006	10	
18	Washington, D.C. 20006	18	Exhibit 15 E-Mail dated 9-14-22 90
19	mgoodman@paulweiss.com	19	Attachment
19 20	-	19 20	
19	mgoodman@paulweiss.com	19	Attachment

2 (Pages 2 - 5)

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1	Page 90		Page 92
1	2020 as compared to what is depicted on the	1	what they are used for, how things have changed
2	2010 chart here?	2	or at least as of the time of this document
3	A. I honestly I do not recall what	3	so
4	EDI means or DDS, so I'm not sure if those were	4	Q. And so you thought that this was a
5	systems that may have changed between 2010 and	5	really good educational tool for Ms. Anderson,
6	2020. But the gist of this is yes.	6	correct?
7	MS. GOODMAN: Okay. All right. You	7	MS. ZWOLINSKI: Objection. Form.
8	can put that document to the side, and I would	8	THE WITNESS: I thought it was
9	like to hand you another document which is	9	what I had that I could send that would at
10	marked Exhibit 15, Census Ads0000248031 through	10	least get her started.
11	248185.	11	BY MS. GOODMAN:
12	(Deposition Exhibit 15 was marked	12	Q. And you endeavored to send her what
13	for identification.)	13	you thought would be the most appropriate and
14	BY MS. GOODMAN:	14	informative material, correct?
15	Q. And this is an e-mail from yourself	15	MS. ZWOLINSKI: Objection. Form.
16	to Kia Anderson dated September 14, 2022.	16	THE WITNESS: That was my goal.
17	Do you see that?	17	This is what I got to first.
18	A. Yes.	18	BY MS. GOODMAN:
19	Q. Okay. And the subject is: "Census	19	Q. Okay. So let's go through this deck
20	Media 101 Deck," right?	20	a little bit. And you recall this was
21	A. Yes.	21	presented at the Media 101 training by Y&R,
22	Q. Okay. And you're sending the paid	22	correct?
	Page 91		Page 93
1	Media 101 training that Y&R provided to the	1	A. Yes.
2	census bureau to Ms. Anderson, correct?	2	
	census bureau to Mis. Anderson, correct.	2	Q. And you attended?
3	A. Yes.	3	Q. And you attended? A. Yes.
3 4			
	A. Yes.	3	A. Yes.
4	A. Yes.Q. And why were you sending this deck	3 4	A. Yes. Q. Let's turn to Page 11,
4 5	A. Yes.Q. And why were you sending this deck to Ms. Anderson?	3 4 5	A. Yes. Q. Let's turn to Page 11, CENSUS-ADS-248042.
4 5 6	A. Yes.Q. And why were you sending this deck to Ms. Anderson?A. She wanted she wanted to know	3 4 5 6	A. Yes. Q. Let's turn to Page 11, CENSUS-ADS-248042. What is this slide depicting? A. This slide depicts rudimentary
4 5 6 7	A. Yes.Q. And why were you sending this deck to Ms. Anderson?A. She wanted she wanted to know more about for context. Kia Anderson was	3 4 5 6 7	A. Yes. Q. Let's turn to Page 11, CENSUS-ADS-248042. What is this slide depicting?
4 5 6 7 8	 A. Yes. Q. And why were you sending this deck to Ms. Anderson? A. She wanted she wanted to know more about for context. Kia Anderson was detailed to HHS working on the public education 	3 4 5 6 7 8	 A. Yes. Q. Let's turn to Page 11, CENSUS-ADS-248042. What is this slide depicting? A. This slide depicts rudimentary visuals of various media channel options that
4 5 6 7 8 9 10 11	A. Yes. Q. And why were you sending this deck to Ms. Anderson? A. She wanted she wanted to know more about for context. Kia Anderson was detailed to HHS working on the public education campaign. She wanted to have a better understanding of media buying. Every agency buys media differently,	3 4 5 6 7 8 9 10 11	A. Yes. Q. Let's turn to Page 11, CENSUS-ADS-248042. What is this slide depicting? A. This slide depicts rudimentary visuals of various media channel options that are out there for use. Q. And how do you understand what's your strike that.
4 5 6 7 8 9	A. Yes. Q. And why were you sending this deck to Ms. Anderson? A. She wanted she wanted to know more about for context. Kia Anderson was detailed to HHS working on the public education campaign. She wanted to have a better understanding of media buying.	3 4 5 6 7 8 9	A. Yes. Q. Let's turn to Page 11, CENSUS-ADS-248042. What is this slide depicting? A. This slide depicts rudimentary visuals of various media channel options that are out there for use. Q. And how do you understand what's
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4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20	A. Yes. Q. And why were you sending this deck to Ms. Anderson? A. She wanted she wanted to know more about for context. Kia Anderson was detailed to HHS working on the public education campaign. She wanted to have a better understanding of media buying. Every agency buys media differently, but there are still some basic there is still some basic information that is just the same that's the same. She had no experience with media buying, and in order to have a better understanding of the conversations that were taking place in the room, she asked if I had anything that could provide, you know, just a basic understanding.	3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20	A. Yes. Q. Let's turn to Page 11, CENSUS-ADS-248042. What is this slide depicting? A. This slide depicts rudimentary visuals of various media channel options that are out there for use. Q. And how do you understand what's your strike that. What do you mean by "media channel options"? A. Television is a channel. Radio is a channel. Out of home, which includes billboards, bus sides of buses, sides of buildings, anything out of the out of the home, print, all of those. And then bottom row is the different a few of the different options within
4 5 6 7 8 9 10 11 12 13 14 15 16 17 18	A. Yes. Q. And why were you sending this deck to Ms. Anderson? A. She wanted she wanted to know more about for context. Kia Anderson was detailed to HHS working on the public education campaign. She wanted to have a better understanding of media buying. Every agency buys media differently, but there are still some basic there is still some basic information that is just the same that's the same. She had no experience with media buying, and in order to have a better understanding of the conversations that were taking place in the room, she asked if I had anything that could provide, you know, just a	3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18	A. Yes. Q. Let's turn to Page 11, CENSUS-ADS-248042. What is this slide depicting? A. This slide depicts rudimentary visuals of various media channel options that are out there for use. Q. And how do you understand what's your strike that. What do you mean by "media channel options"? A. Television is a channel. Radio is a channel. Out of home, which includes billboards, bus sides of buses, sides of buildings, anything out of the out of the home, print, all of those. And then bottom row is the different

24 (Pages 90 - 93)

	Page 94		Page 96
1	and how they're classified.	1	those that have been paid for. They are paid
2	Q. Would it also be accurate to refer	2	to move up to the top.
3	to these different channels as different kind	3	So or you want to make sure so
4	of types of products?	4	when we want it we wanted everything we did,
5	MS. ZWOLINSKI: Objection. Form.	5	anything that had census a question about
6	THE WITNESS: I don't know that I	6	census, we wanted the census bureau to pop up.
7	would consider them products.	7	So it could be a million and one different
8	BY MS. GOODMAN:		
		8	terms, but those terms triggered I don't
9	Q. Why not?	9	know what you call it in the list that the
10	A. Because within each there is so	10	census site is the first site that you go to.
11	much. Print is a category. Out of home is a	11	Q. Okay. So what I want to re-ask a
12	category. Paid social is a category. They are	12	question I think I already asked, but see if I
13	not products themselves.	13	can get a different answer, which is: What are
14	Q. But okay. Within paid social	14	the kinds of different options by name, by
15	what are the options that you're referring to?	15	type, by provider within the programmatic
16	A. Well, there are examples given here	16	category?
17	on the page: Social sharing platforms, chat	17	MS. ZWOLINSKI: Objection. Form.
18	apps, those are options. Those are other	18	THE WITNESS: I don't know.
19	you know, different options within paid social,	19	BY MS. GOODMAN:
20	and those are just a couple of options. Every	20	Q. Did you have occasion to learn those
21	day options increase	21	throughout learn the various options within
22	Q. Okay.	22	that category during your time as COR for Order
	Page 95		Page 97
1	A in all of these categories.	1	15?
2	Q. And how about with respect to	2	MS. ZWOLINSKI: Objection. Form.
3	programmatic? What are the options that you	3	THE WITNESS: No. What we learned
4	understand to be available within that	4	is the different that there is a difference
5	category?	5	between these, and working together, they help
6	MS. ZWOLINSKI: Objection. Form.	6	extend our message. All of these are
7	THE WITNESS: Within programmatic on	7	components of what were required for us to
8			-
1	this particular page, it really just gives you	8	reach our goal was to reach almost
9	an idea of what programmatic is. It doesn't	8 9	reach our goal was to reach almost everybody. We had a very short time frame, and
			_
9	an idea of what programmatic is. It doesn't	9	everybody. We had a very short time frame, and
9	an idea of what programmatic is. It doesn't get into any of the options so when you're	9	everybody. We had a very short time frame, and we didn't we had to use every possible tool
9 10 11	an idea of what programmatic is. It doesn't get into any of the options so when you're talking to somebody and you say programmatic	9 10 11	everybody. We had a very short time frame, and we didn't we had to use every possible tool there was.
9 10 11 12	an idea of what programmatic is. It doesn't get into any of the options so when you're talking to somebody and you say programmatic versus paid search, you understand what the	9 10 11 12	everybody. We had a very short time frame, and we didn't we had to use every possible tool there was. So programmatic did not replace
9 10 11 12 13	an idea of what programmatic is. It doesn't get into any of the options so when you're talking to somebody and you say programmatic versus paid search, you understand what the difference is between the two.	9 10 11 12 13	everybody. We had a very short time frame, and we didn't we had to use every possible tool there was. So programmatic did not replace replace paid search, did not replace digital,
9 10 11 12 13 14	an idea of what programmatic is. It doesn't get into any of the options so when you're talking to somebody and you say programmatic versus paid search, you understand what the difference is between the two. BY MS. GOODMAN:	9 10 11 12 13 14	everybody. We had a very short time frame, and we didn't we had to use every possible tool there was. So programmatic did not replace replace paid search, did not replace digital, did not replace paid social, did not replace
9 10 11 12 13 14 15	an idea of what programmatic is. It doesn't get into any of the options so when you're talking to somebody and you say programmatic versus paid search, you understand what the difference is between the two. BY MS. GOODMAN: Q. And what are the differences between	9 10 11 12 13 14 15	everybody. We had a very short time frame, and we didn't we had to use every possible tool there was. So programmatic did not replace replace paid search, did not replace digital, did not replace paid social, did not replace any of these. They all worked together like a
9 10 11 12 13 14 15 16	an idea of what programmatic is. It doesn't get into any of the options so when you're talking to somebody and you say programmatic versus paid search, you understand what the difference is between the two. BY MS. GOODMAN: Q. And what are the differences between the two?	9 10 11 12 13 14 15 16	everybody. We had a very short time frame, and we didn't we had to use every possible tool there was. So programmatic did not replace replace paid search, did not replace digital, did not replace paid social, did not replace any of these. They all worked together like a team.
9 10 11 12 13 14 15 16 17	an idea of what programmatic is. It doesn't get into any of the options so when you're talking to somebody and you say programmatic versus paid search, you understand what the difference is between the two. BY MS. GOODMAN: Q. And what are the differences between the two? A. My understanding is with paid search you are actually choosing search terms that you	9 10 11 12 13 14 15 16 17	everybody. We had a very short time frame, and we didn't we had to use every possible tool there was. So programmatic did not replace replace paid search, did not replace digital, did not replace paid social, did not replace any of these. They all worked together like a team. BY MS. GOODMAN: Q. And how did they how did you
9 10 11 12 13 14 15 16 17 18	an idea of what programmatic is. It doesn't get into any of the options so when you're talking to somebody and you say programmatic versus paid search, you understand what the difference is between the two. BY MS. GOODMAN: Q. And what are the differences between the two? A. My understanding is with paid search you are actually choosing search terms that you are paying for so when I am searching for	9 10 11 12 13 14 15 16 17	everybody. We had a very short time frame, and we didn't we had to use every possible tool there was. So programmatic did not replace replace paid search, did not replace digital, did not replace paid social, did not replace any of these. They all worked together like a team. BY MS. GOODMAN: Q. And how did they how did you how did the census bureau, from your point of
9 10 11 12 13 14 15 16 17 18	an idea of what programmatic is. It doesn't get into any of the options so when you're talking to somebody and you say programmatic versus paid search, you understand what the difference is between the two. BY MS. GOODMAN: Q. And what are the differences between the two? A. My understanding is with paid search you are actually choosing search terms that you	9 10 11 12 13 14 15 16 17 18	everybody. We had a very short time frame, and we didn't we had to use every possible tool there was. So programmatic did not replace replace paid search, did not replace digital, did not replace paid social, did not replace any of these. They all worked together like a team. BY MS. GOODMAN: Q. And how did they how did you

25 (Pages 94 - 97)

1	Page 98 MS. ZWOLINSKI: Objection. Form.	1	Page 100
2	THE WITNESS: Well, we start with a	2	But with respect to paid media, would you sorry.
3	· ·	3	
	media plan. The ad agency provides a		During the course of the execution
4	recommended media plan based upon the agreed	4	of the campaign, did you make adjustments from
5	upon strategies that we've all come to agree	5	moving money spent from one category to anothe
6	upon.	6	category in order to reach your goal of
7	All the agencies purchasing media	7	targeting whichever particular audience you
8	present the media plan to the census bureau.	8	were not seeing the response rate from?
9	We evaluate it. We ask questions. We provide	9	MS. ZWOLINSKI: Objection. Form.
10	comments. Revisions are made based upon those.		THE WITNESS: In terms of moving
11	A final media plan is approved, and we while	11	from one category to another, can you be more
12	it is just a plan, it is an iterative plan that	12	specific.
13	forms the base of what we do, and as needed, we	13	BY MS. GOODMAN:
14	will add to it.	14	Q. So if programmatic advertising was
15	Every if you are blasting the	15	not delivering the result that you were hoping
16	message, all of these work. But as you move	16	to see in terms of reach, would you shift some
17	further into the actual event, there may be	17	of the money spent on programmatic advertising
18	segments of the population or segments of the	18	to another category such as paid search,
19	country that are not responding at the rate	19	digital, or paid social?
20	that you anticipated. So you go back into your	20	MS. ZWOLINSKI: Objection. Form.
21	tool chest to determine what is the best tool	21	Foundation.
22	to use to help encourage, and that tool may not	22	THE WITNESS: So when we approve
	Page 99		Page 101
1	be paid media. It may be boots on the ground,	1	spending and I'm sure you have looked at the
2	which is not included in this because it's not	2	media authorization forms because we had an
3	paid media.	3	example previously it is by audience, and
4	But we had a lot of tools in our	4	there are funds allocated to the different
5	chest. So we would determine if there were	5	media media channel options.
6	you know, paid use site directory, you go	6	In terms of digital, it is broken
7	directly to a site. What is the what is	7	out by paid search paid social, site direct,
8	the so we created we segmented the	8	paid search, and programmatic. We approve the
9	audience. We had an audience segmentation. We	9	total amount on that form for digital, and as
10	did a lot of research around messaging, and we	10	we are evaluating effectiveness if there is
11	took all that research, and we had an ongoing	11	if we find that a particular audience is more
12	survey.	12	predisposed to one type versus another, we do
13	We took all of that information. We	13	have that ability to move money.
14	talked to the people on the ground, and we	14	I can't necessarily say how often
15	determined if we needed to change anything and	15	that happened because we normally within the
16	how what that change included.	16	bureau and within the presentations for the
17	BY MS. GOODMAN:	17	most part, we talk about digital as a whole.
18	Q. And so with respect to let's try	18	We don't talk about the differences between the
19	to focus only on paid media	19	categories. We want our ad agencies to use the
20	A. Uh-huh.	20	options in the digital tool chest as
21	Q understanding there are many	21	appropriately as possible to help us reach our
22	other tools.	22	goal.
44	other tools.	~~	5041.

26 (Pages 98 - 101)

	Page 102		Page 104
1	BY MS. GOODMAN:	1	more, correct?
2	Q. Now, you said within the bureau you	2	MS. ZWOLINSKI: Objection. Form.
3	talk about digital as a whole. Why is that?	3	THE WITNESS: For context most
4	MS. ZWOLINSKI: Objection. Form.	4	people have no idea where they get their
5	THE WITNESS: Because most people	5	messages. So you cannot rely on one form of
6	don't care about the difference. We we are	6	media for the message to seed. You've got to
7	not media buyers. We are looking at	7	surround them with the messaging so that the
8	categories.	8	first few times it may not really click.
9	So the vast people unless you are	9	You've watched a commercial. It may
10	right up in this, and even if people who were	10	be four the fourth time you heard that
11	right close to it, we didn't evaluate each	11	commercial before something in it makes you
12	individual piece of digital, right. We're like	12	really look up and pay attention, or you might
13	would digital work.	13	like something in the commercial but still not
14	We might ask whether or not we need	14	know what that commercial is advertising
15	to adjust our search terms. You might that	15	because you're only focused on one piece.
16	might be a conversation, but or do we need		In order to effectively reach the
17	to put more in social but in terms of site	17	number of people that we needed to reach and
18	direct and programmatic, that fell within the	18	and and and and and
19	digital moniker.	19	encourage response for a complete census, we
20	BY MS. GOODMAN:	20	needed a holistic we needed a holistic
21	Q. And so from your point of view, were	21	approach. We needed to hit them serve
22	site direct and programmatic sort of not	22	messaging from every possible angle.
	Page 103		Page 105
1	that they were the same thing, but you thought	1	And so you get up in the morning.
2	about them in the same way?	2	It might be on the morning news, or it might be
3	MS. ZWOLINSKI: Objection. Form.	3	a commercial it might be a story on the
4	THE WITNESS: We did not think about	4	morning news, right. That's earned media. For
5	them. We trusted our ad agencies to once we	5	paid media it may be on TV. It might be you
6	had approved the plan, to reach our audience	6	might be if it all depends on how you
7	the best way they could within that plan,	7	take your media, how you receive your media.
8	within the within the integrity of the plan	8	That's where it hits you the most. But I can't
9			
10	or the spirit of the plan.	9	count on that being the only source of you
10	or the spirit of the plan. BY MS. GOODMAN:	9 10	-
11	- ·		count on that being the only source of you
	BY MS. GOODMAN:	10	count on that being the only source of you accepting the message.
11	BY MS. GOODMAN: Q. If you turn to Page 13 of the deck,	10 11	count on that being the only source of you accepting the message. BY MS. GOODMAN:
11 12	BY MS. GOODMAN: Q. If you turn to Page 13 of the deck, Bates ending 44. Is it fair to say that this	10 11 12 13	count on that being the only source of you accepting the message. BY MS. GOODMAN: Q. And turning to Page 17 ending in 48,
11 12 13	BY MS. GOODMAN: Q. If you turn to Page 13 of the deck, Bates ending 44. Is it fair to say that this slide shows that what matters to the census	10 11 12 13	count on that being the only source of you accepting the message. BY MS. GOODMAN: Q. And turning to Page 17 ending in 48, how how is the optical strike that.
11 12 13 14	BY MS. GOODMAN: Q. If you turn to Page 13 of the deck, Bates ending 44. Is it fair to say that this slide shows that what matters to the census bureau is reaching a consumer wherever they may	10 11 12 13 14	count on that being the only source of you accepting the message. BY MS. GOODMAN: Q. And turning to Page 17 ending in 48, how how is the optical strike that. I am reading in the second bullet
11 12 13 14 15	BY MS. GOODMAN: Q. If you turn to Page 13 of the deck, Bates ending 44. Is it fair to say that this slide shows that what matters to the census bureau is reaching a consumer wherever they may be found?	10 11 12 13 14 15	count on that being the only source of you accepting the message. BY MS. GOODMAN: Q. And turning to Page 17 ending in 48, how how is the optical strike that. I am reading in the second bullet where it begins: "Paid media." My question
11 12 13 14 15 16	BY MS. GOODMAN: Q. If you turn to Page 13 of the deck, Bates ending 44. Is it fair to say that this slide shows that what matters to the census bureau is reaching a consumer wherever they may be found? MS. ZWOLINSKI: Objection. Form.	10 11 12 13 14 15 16	count on that being the only source of you accepting the message. BY MS. GOODMAN: Q. And turning to Page 17 ending in 48, how how is the optical strike that. I am reading in the second bullet where it begins: "Paid media." My question is: How is the optimal mix for efficient and
11 12 13 14 15 16 17	BY MS. GOODMAN: Q. If you turn to Page 13 of the deck, Bates ending 44. Is it fair to say that this slide shows that what matters to the census bureau is reaching a consumer wherever they may be found? MS. ZWOLINSKI: Objection. Form. THE WITNESS: That is safe to say.	10 11 12 13 14 15 16 17	count on that being the only source of you accepting the message. BY MS. GOODMAN: Q. And turning to Page 17 ending in 48, how how is the optical strike that. I am reading in the second bullet where it begins: "Paid media." My question is: How is the optimal mix for efficient and effective performance for paid media determined
11 12 13 14 15 16 17 18	BY MS. GOODMAN: Q. If you turn to Page 13 of the deck, Bates ending 44. Is it fair to say that this slide shows that what matters to the census bureau is reaching a consumer wherever they may be found? MS. ZWOLINSKI: Objection. Form. THE WITNESS: That is safe to say. BY MS. GOODMAN:	10 11 12 13 14 15 16 17	count on that being the only source of you accepting the message. BY MS. GOODMAN: Q. And turning to Page 17 ending in 48, how how is the optical strike that. I am reading in the second bullet where it begins: "Paid media." My question is: How is the optimal mix for efficient and effective performance for paid media determined for the you know, as census was executing on
11 12 13 14 15 16 17 18 19	BY MS. GOODMAN: Q. If you turn to Page 13 of the deck, Bates ending 44. Is it fair to say that this slide shows that what matters to the census bureau is reaching a consumer wherever they may be found? MS. ZWOLINSKI: Objection. Form. THE WITNESS: That is safe to say. BY MS. GOODMAN: Q. And so just as you might reach a	10 11 12 13 14 15 16 17 18	count on that being the only source of you accepting the message. BY MS. GOODMAN: Q. And turning to Page 17 ending in 48, how how is the optical strike that. I am reading in the second bullet where it begins: "Paid media." My question is: How is the optimal mix for efficient and effective performance for paid media determined for the you know, as census was executing on the 2020 campaign?

27 (Pages 102 - 105)

	IIIOIL1 CO		
	Page 106		Page 108
1	resources. So we conduct a lot of research.	1	language media. Some people call it general
2	We conducted the we conducted research with	2	audience. Within that grouping there are all
3	each audience group to determine what their	3	age ranges, and just because you're older,
4	motivations were to respond, what their	4	most many older people, depending upon where
5	barriers were to respond, who did they accept	5	they are in age, do not engage with digital
6	messages from, how did they receive their	6	media fully or they don't even know how they're
7	media, what did they like to see in an ad,	7	engaging. So you're not going to not serve
8	what what motivated them in an ad that would	8	them digital ads, but you may not serve as much
9	encourage them to even seek out additional	9	to that audience that that age range as
10	information and hopefully, ultimately, respond.	10	you serve to a younger age range.
11	We segmented the population to	11	But even with the younger age range,
12	determine those that are most likely to respond	12	it depends upon the audience and access. So it
13	and those that are least likely to respond on a	13	doesn't make sense if I am in the middle of
14	spectrum of a whole of numerous number of	14	nowhere with no Internet access to have my
15	segments and, within each segment,	15	media plan to reach anyone living there only be
16	understanding that audience cross audiences	16	digital because they're not going to get it.
17	cross segments. What is the best way to reach	17	So an optimal mix has a lot of
18	them? What's an optimal mix? It depends upon	18	factors: Location, audience, media media
19	that particular audience that we're trying to	19	inputs, media what how they experience
20	reach. It's not one size fits all.	20	media, what they want to see, what they are
21	BY MS. GOODMAN:	21	aware of. It takes the holistic approach in
22	Q. And so in in that respect	22	order for you to actually reach people in a way
	Page 107		Page 109
1	determining an optimal optimal mix among,	1	that and there are still people now that
2	let's say, digital search, digital social,	2	will tell you they never saw a census ad.
3	digital programmatic, digital site direct, do	3	BY MS. GOODMAN:
4	you need to allocate among those four	4	Q. And so, you know, you talked about
5	categories to reach the audience you're	5	the example of within diverse mass, older
6	attempting to reach; is that right?	6	people, many of whom might not consume as much
7	MS. ZWOLINSKI: Objection. Form.	7	digital media as somebody in a younger range?
8	THE WITNESS: It depends on the	8	A. Or more tech I'm sorry.
9	audience. Different audiences encounter or	9	Q. That's okay.
10	experience digital in different ways. Half of	10	And so when you are considering how
11	them don't even realize.	11	to serve the different age groups within the
12	Example: There are people that you	12	diverse mass audience, do you consider the
13	will ask if they search the Internet or do they	13	kinds of digital access that those audiences
14	have access to the Internet, and they will say	14	engage in to make allocations between, for
15	no. Then you ask them do they use Facebook,	15	example, paid social, programmatic, site
16	and they will say yes not understanding that	16	direct?
17	Facebook is an Internet based app.	17	MS. ZWOLINSKI: Objection. Form.
18	So you don't there is no way to	18	THE WITNESS: It's not that simple.
19	sit and say that you only use this, this, or	19	It's not just about the age group. The target
20	this. Within each audience there is a mix.	20	may what defines a target audience may not
21	There are people within diverse	21	necessarily be age. Within a target audience
22	mass, that is anyone who consumes English	22	and within within a segment of the

28 (Pages 106 - 109)

1	Page 122	1	Page 124
1	don't we don't trust we trust but verify.	1	If we could not do any of that, we
2	I have to prove that before my name goes to	2	would completely reject the invoice. We would
3	sign off on payment of an invoice, that there	3	let Y&R know it was rejected, why it was
4	is proper documentation.	4	rejected and ask them to fix it and send it
5	So Y&R had on their SharePoint site	5	back as a revised with a new invoice number.
6	documentation for every invoice we received,	6	BY MS. GOODMAN:
7	and there is a lot of documentation.	7	Q. If Y&R did not agree with your
8	So we would go to their site. We	8	reasoning for rejecting an invoice, did Y&R
9	would review the invoice line by line, look at	9	still have to pay out to the subcontractor or
10	all the documentation for every invoice, and if	10	to the vendor
11	it matched if we had any questions, we would	11	MS. ZWOLINSKI: Objection
12	contact them. If we didn't understand	12	BY MS. GOODMAN:
13	anything, we would contact them. But as long	13	Q even if the census bureau had
14	as everything was in order, we would approve	14	rejected the invoice?
15	the invoice for payment.	15	MS. ZWOLINSKI: Objection. Form.
16	BY MS. GOODMAN:	16	Foundation.
17	Q. And do you recall any instance in	17	THE WITNESS: My understanding is
18	which you did not approve an invoice for	18	Y&R did not pay the subs until the invoice was
19	payment for digital ad purchases?	19	approved and and funding was either had
20	MS. ZWOLINSKI: Objection. Form.	20	been received or was on the way.
21	THE WITNESS: I cannot recall	21	So they did not reject payment it
22	specifically for digital, no.	22	was up to the media vendor. All vendors were
	Page 123		Page 125
1	BY MS. GOODMAN:	1	informed upfront before they agreed to run our
2	Q. Okay. What would you what would	2	
			ads. It was part of the agreement, the
3	your process be if you did not approve an	3	ads. It was part of the agreement, the contract they signed, what they had to provide
	your process be if you did not approve an invoice for payment?		contract they signed, what they had to provide
4	invoice for payment?	3	
4 5	invoice for payment? A. Ideally because most of your	3 4 5	contract they signed, what they had to provide in order to receive payment. It was very clear.
4 5 6	invoice for payment? A. Ideally because most of your well, because Reingold was a small business	3 4 5 6	contract they signed, what they had to provide in order to receive payment. It was very clear. And if they did not provide it, it
4 5 6 7	invoice for payment? A. Ideally because most of your well, because Reingold was a small business even though the prime was a large business, our	3 4 5 6 7	contract they signed, what they had to provide in order to receive payment. It was very clear. And if they did not provide it, it was up to the the buying agency that
4 5 6 7 8	invoice for payment? A. Ideally because most of your well, because Reingold was a small business even though the prime was a large business, our goal was to make sure the small business gets	3 4 5 6 7 8	contract they signed, what they had to provide in order to receive payment. It was very clear. And if they did not provide it, it was up to the the buying agency that purchased the ad to go back and get it. Right.
4 5 6 7 8 9	invoice for payment? A. Ideally because most of your well, because Reingold was a small business even though the prime was a large business, our goal was to make sure the small business gets paid as quickly as possible.	3 4 5 6 7 8 9	contract they signed, what they had to provide in order to receive payment. It was very clear. And if they did not provide it, it was up to the the buying agency that purchased the ad to go back and get it. Right. So we're going to keep going back and forth.
4 5 6 7 8 9 10	invoice for payment? A. Ideally because most of your well, because Reingold was a small business even though the prime was a large business, our goal was to make sure the small business gets paid as quickly as possible. If there were any discrepancies, we	3 4 5 6 7 8 9	contract they signed, what they had to provide in order to receive payment. It was very clear. And if they did not provide it, it was up to the the buying agency that purchased the ad to go back and get it. Right. So we're going to keep going back and forth. Our goal is never to not pay for what ran. We
4 5 6 7 8 9 10 11	invoice for payment? A. Ideally because most of your well, because Reingold was a small business even though the prime was a large business, our goal was to make sure the small business gets paid as quickly as possible. If there were any discrepancies, we worked directly with Y&R and Reingold to see if	3 4 5 6 7 8 9 10 11	contract they signed, what they had to provide in order to receive payment. It was very clear. And if they did not provide it, it was up to the the buying agency that purchased the ad to go back and get it. Right. So we're going to keep going back and forth. Our goal is never to not pay for what ran. We are trying our best to pay, but we need that
4 5 6 7 8 9 10 11 12	invoice for payment? A. Ideally because most of your well, because Reingold was a small business even though the prime was a large business, our goal was to make sure the small business gets paid as quickly as possible. If there were any discrepancies, we worked directly with Y&R and Reingold to see if we could correct those discrepancies. If there	3 4 5 6 7 8 9 10 11 12	contract they signed, what they had to provide in order to receive payment. It was very clear. And if they did not provide it, it was up to the the buying agency that purchased the ad to go back and get it. Right. So we're going to keep going back and forth. Our goal is never to not pay for what ran. We are trying our best to pay, but we need that documentation.
4 5 6 7 8 9 10 11 12 13	invoice for payment? A. Ideally because most of your well, because Reingold was a small business even though the prime was a large business, our goal was to make sure the small business gets paid as quickly as possible. If there were any discrepancies, we worked directly with Y&R and Reingold to see if we could correct those discrepancies. If there was missing documentation, we'd see if they	3 4 5 6 7 8 9 10 11 12 13	contract they signed, what they had to provide in order to receive payment. It was very clear. And if they did not provide it, it was up to the the buying agency that purchased the ad to go back and get it. Right. So we're going to keep going back and forth. Our goal is never to not pay for what ran. We are trying our best to pay, but we need that documentation. So it may take ideally, it
4 5 6 7 8 9 10 11 12 13 14	invoice for payment? A. Ideally because most of your well, because Reingold was a small business even though the prime was a large business, our goal was to make sure the small business gets paid as quickly as possible. If there were any discrepancies, we worked directly with Y&R and Reingold to see if we could correct those discrepancies. If there was missing documentation, we'd see if they could send it forward or upload it to their	3 4 5 6 7 8 9 10 11 12 13 14	contract they signed, what they had to provide in order to receive payment. It was very clear. And if they did not provide it, it was up to the the buying agency that purchased the ad to go back and get it. Right. So we're going to keep going back and forth. Our goal is never to not pay for what ran. We are trying our best to pay, but we need that documentation. So it may take ideally, it shouldn't take but a few days, but sometimes it
4 5 6 7 8 9 10 11 12 13 14 15	invoice for payment? A. Ideally because most of your well, because Reingold was a small business even though the prime was a large business, our goal was to make sure the small business gets paid as quickly as possible. If there were any discrepancies, we worked directly with Y&R and Reingold to see if we could correct those discrepancies. If there was missing documentation, we'd see if they could send it forward or upload it to their SharePoint site so we could check it. If it	3 4 5 6 7 8 9 10 11 12 13 14 15	contract they signed, what they had to provide in order to receive payment. It was very clear. And if they did not provide it, it was up to the the buying agency that purchased the ad to go back and get it. Right. So we're going to keep going back and forth. Our goal is never to not pay for what ran. We are trying our best to pay, but we need that documentation. So it may take ideally, it shouldn't take but a few days, but sometimes it might take months, you know.
4 5 6 7 8 9 10 11 12 13 14 15 16	invoice for payment? A. Ideally because most of your well, because Reingold was a small business even though the prime was a large business, our goal was to make sure the small business gets paid as quickly as possible. If there were any discrepancies, we worked directly with Y&R and Reingold to see if we could correct those discrepancies. If there was missing documentation, we'd see if they could send it forward or upload it to their SharePoint site so we could check it. If it was it could be something simple; like on	3 4 5 6 7 8 9 10 11 12 13 14 15 16	contract they signed, what they had to provide in order to receive payment. It was very clear. And if they did not provide it, it was up to the the buying agency that purchased the ad to go back and get it. Right. So we're going to keep going back and forth. Our goal is never to not pay for what ran. We are trying our best to pay, but we need that documentation. So it may take ideally, it shouldn't take but a few days, but sometimes it might take months, you know. And then with COVID, it was
4 5 6 7 8 9 10 11 12 13 14 15 16 17	invoice for payment? A. Ideally because most of your well, because Reingold was a small business even though the prime was a large business, our goal was to make sure the small business gets paid as quickly as possible. If there were any discrepancies, we worked directly with Y&R and Reingold to see if we could correct those discrepancies. If there was missing documentation, we'd see if they could send it forward or upload it to their SharePoint site so we could check it. If it was it could be something simple; like on the cover sheet that lists out every invoice	3 4 5 6 7 8 9 10 11 12 13 14 15 16 17	contract they signed, what they had to provide in order to receive payment. It was very clear. And if they did not provide it, it was up to the the buying agency that purchased the ad to go back and get it. Right. So we're going to keep going back and forth. Our goal is never to not pay for what ran. We are trying our best to pay, but we need that documentation. So it may take ideally, it shouldn't take but a few days, but sometimes it might take months, you know. And then with COVID, it was difficult because a lot of vendors just weren't
4 5 6 7 8 9 10 11 12 13 14 15 16 17 18	invoice for payment? A. Ideally because most of your well, because Reingold was a small business even though the prime was a large business, our goal was to make sure the small business gets paid as quickly as possible. If there were any discrepancies, we worked directly with Y&R and Reingold to see if we could correct those discrepancies. If there was missing documentation, we'd see if they could send it forward or upload it to their SharePoint site so we could check it. If it was it could be something simple; like on the cover sheet that lists out every invoice with the amount, that the amount on the cover	3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18	contract they signed, what they had to provide in order to receive payment. It was very clear. And if they did not provide it, it was up to the the buying agency that purchased the ad to go back and get it. Right. So we're going to keep going back and forth. Our goal is never to not pay for what ran. We are trying our best to pay, but we need that documentation. So it may take ideally, it shouldn't take but a few days, but sometimes it might take months, you know. And then with COVID, it was difficult because a lot of vendors just weren't there, depending on audience, depending on the
4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19	invoice for payment? A. Ideally because most of your well, because Reingold was a small business even though the prime was a large business, our goal was to make sure the small business gets paid as quickly as possible. If there were any discrepancies, we worked directly with Y&R and Reingold to see if we could correct those discrepancies. If there was missing documentation, we'd see if they could send it forward or upload it to their SharePoint site so we could check it. If it was it could be something simple; like on the cover sheet that lists out every invoice with the amount, that the amount on the cover sheet did not match the amount on the invoice.	3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18	contract they signed, what they had to provide in order to receive payment. It was very clear. And if they did not provide it, it was up to the the buying agency that purchased the ad to go back and get it. Right. So we're going to keep going back and forth. Our goal is never to not pay for what ran. We are trying our best to pay, but we need that documentation. So it may take ideally, it shouldn't take but a few days, but sometimes it might take months, you know. And then with COVID, it was difficult because a lot of vendors just weren't there, depending on audience, depending on the type of media. So digital wasn't one of them.
4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20	invoice for payment? A. Ideally because most of your well, because Reingold was a small business even though the prime was a large business, our goal was to make sure the small business gets paid as quickly as possible. If there were any discrepancies, we worked directly with Y&R and Reingold to see if we could correct those discrepancies. If there was missing documentation, we'd see if they could send it forward or upload it to their SharePoint site so we could check it. If it was it could be something simple; like on the cover sheet that lists out every invoice with the amount, that the amount on the cover sheet did not match the amount on the invoice. If it was small, we could do a pen-and-ink	3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20	contract they signed, what they had to provide in order to receive payment. It was very clear. And if they did not provide it, it was up to the the buying agency that purchased the ad to go back and get it. Right. So we're going to keep going back and forth. Our goal is never to not pay for what ran. We are trying our best to pay, but we need that documentation. So it may take ideally, it shouldn't take but a few days, but sometimes it might take months, you know. And then with COVID, it was difficult because a lot of vendors just weren't there, depending on audience, depending on the type of media. So digital wasn't one of them. Digital was booming during COVID.
4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19	invoice for payment? A. Ideally because most of your well, because Reingold was a small business even though the prime was a large business, our goal was to make sure the small business gets paid as quickly as possible. If there were any discrepancies, we worked directly with Y&R and Reingold to see if we could correct those discrepancies. If there was missing documentation, we'd see if they could send it forward or upload it to their SharePoint site so we could check it. If it was it could be something simple; like on the cover sheet that lists out every invoice with the amount, that the amount on the cover sheet did not match the amount on the invoice.	3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18	contract they signed, what they had to provide in order to receive payment. It was very clear. And if they did not provide it, it was up to the the buying agency that purchased the ad to go back and get it. Right. So we're going to keep going back and forth. Our goal is never to not pay for what ran. We are trying our best to pay, but we need that documentation. So it may take ideally, it shouldn't take but a few days, but sometimes it might take months, you know. And then with COVID, it was difficult because a lot of vendors just weren't there, depending on audience, depending on the type of media. So digital wasn't one of them.

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	IIIGIIL1 CO		
	Page 126		Page 128
1	we would always explain why, what we were	1	top of it that would go to Y&R, and Y&R's cover
2	doing, and what we did not pay and why we did	2	sheet would go on top of it. So we would get a
3	not pay it so as to not hold up the the	3	stack of invoices like that, but yes.
4	invoice. It was never our goal to in some	4	BY MS. GOODMAN:
5	cases we rejected invoices totally, and then it	5	Q. Okay. And did you maintain copies
6	just got to a point where we've got to pay.	6	of all of those invoices, or did you rely only
7	You can't hold up an invoice for, you know	7	on the SharePoint site of Y&R?
8	it's the goal is to pay the vendors. So we	8	MS. ZWOLINSKI: Objection. Form.
9	would do everything we can working with Y&R and	9	THE WITNESS: The invoices that
10	the subcontractor to get what we needed to	10	the backup documentation was so voluminous,
11	approve payment.	11	census could not maintain it on its site. It
12	BY MS. GOODMAN:	12	has been three years since I've really looked
13	Q. Okay. You used the term	13	at a census one of these invoices.
14	"short-pay." What does that mean?	14	I I don't I don't think so
15	A. Short-pay means when you don't pay	15	because that would be considered backup
16	the full amount invoice. In one example I gave	16	documentation, and we didn't really the
17	you where an amount may be higher here on a	17	backup documentation was on Y&R's SharePoint
18	on the on the list of invoices but in the	18	site.
19	actual documentation it was lower, we would do	19	BY MS. GOODMAN:
20	the pen and ink and we would change it. It	20	Q. So I just want to make sure we're
21	would be lower, and we would provide	21	talking about the same thing and understand
22	documentation as to why.	22	that I am understanding correctly.
	Page 127		Page 129
1	Q. And do you recall ever short-paying	1	An invoice from a vendor to Reingold
2	any invoices for digital media purchases?	2	in the example of Google sending an invoices to
3	A. For context, we never got invoices	3	Reingold, that is considered backup
4	that said just digital. I don't doubt that	4	documentation that would be in the possession
5	there were some that were just digital, but	5	of Rein of Y&R
6	oftentimes, an invoice would have multiple	6	A. Yes.
7	agencies and multiple media types, so the	7	Q is that correct?
8	answer is I don't recall.	8	A. Yes.
9	Q. Okay. And so in the course of your	9	MS. ZWOLINSKI: Objection. Form.
10	were you responsible for approving invoices	10	THE WITNESS: Sorry.
11	for payments?	11	MS. ZWOLINSKI: That's okay.
12	A. Yes.	12	BY MS. GOODMAN:
13	Q. Okay. And in the course of your	13	Q. Turning to Page 37 of the deck we're
14	work doing that in connection with the 2020	14	looking at, what does the bullet "changing
15	census, do you recall ever seeing invoices at	15	video landscape" refer to?
16	the level of granularity like an invoice from	16	A. When I look at it, I remember when
17	Google?	17	Vine was out, right. That's am I dating
18	MS. ZWOLINSKI: Objection. Form.	18	myself? But Vine was only here for a minute.
19	THE WITNESS: We would have to see	19	Everything online changes. There
20	the original invoice from Google that was sent	20	are new sites popping up, sites disappearing.
21	to the I guess it would go to Reingold, and	21	Just because there is a site that everybody is
41	to the I guess it would go to Kelligold, and	41	Just because there is a site that everybody is

33 (Pages 126 - 129)

	IIIOIIL1 CO		
1	Page 130		Page 132
1	fall under the changing video landscape. We	1	A. Uh-huh.
2	did not advertise on TikTok.	2	Q. Do you see the bullet, the last
3	But it's just it's just	3	bullet, beginning "realtime bidding"?
4	considering the fact that people are they	4	A. Yes.
5	are consuming video content in different ways	5	Q. To your knowledge, how did the
6	and using sites that are not always approved by	6	census bureau engage in realtime bidding under
7	the federal government despite the fact that	7	its contracts with Y&R for purposes of the 2020
8	they are very popular sites.	8	census?
9	Q. And how about the bullet "shift in	9	MS. ZWOLINSKI: Objection. Form.
10	digital buying process and technology"? What	10	THE WITNESS: Y&R and their
11	does that mean?	11	subcontractors that were responsible for
12	A. If you compare 2020 to 2010 digital	12	purchasing media space on behalf of the census
13	has evolved at an enormous rate. What we were	13	bureau were empowered to manage this. The
14	used to in 2010 is completely different from	14	census bureau, while they were working on our
15	what it is now or what it was in 2020. The	15	behalf, we did not participate in this
16	number of sites has have grown	16	directly.
17	exponentially.	17	BY MS. GOODMAN:
18	So in order to reach all the people	18	Q. Okay. So did the census bureau have
19	or people that would visit obscure sites, what	19	a role in selecting, for example, what ad
20	I might consider an obscure site, the digital	20	exchanges to use as part of realtime bidding?
21	world I'm they've created ways to help	21	MS. ZWOLINSKI: Objection. Form.
22	you target based on behaviors, based on age,	22	THE WITNESS: The census bureau
	Page 131		Page 133
1	based on race, based on consumption habits, all	1	relied on their buying agencies, who are buying
2	kinds of thing.	2	on behalf of the census bureau, to determine
3	So as of this is really to	3	the best ad exchanges based upon what would be
4	explain to us in this document it's not the way	4	best for the campaign, what was most efficient
5	it was. You've got to take a second look at	5	and effective.
6	how digital operates, and because digital has	6	BY MS. GOODMAN:
7	changed so much in ten years, how you buy it is	7	Q. And did the census bureau permit the
8	different as well.	8	ad agencies to use multiple ad exchanges if
9	I honestly do not recall if in 2010	9	they determined that was in the best interest
10	you could do programmatic buying. You probably	10	of the bureau?
11	could. I don't know. I don't remember	11	A. Absolutely.
12	learning anything about the difference between	12	Q. And did you direct the ad agencies
13	programmatic and site direct, and the digital	13	to use any Google ad exchanges or Google-owned
14	was such a minimal part of our budget in 2010.	14	ad exchanges?
15	Considering the size of our budget, we needed	15	MS. ZWOLINSKI: Objection. Form.
16	to be sure we understood why it was important	16	THE WITNESS: We did not direct the
17	to put more money towards digital.	17	ad agencies to focus on any one media vendor.
18	Q. And what are the the different	18	BY MS. GOODMAN:
		19	Q. And do you agree that realtime
19	buying processes referred to in this bullet to		
20	your knowledge?	20	bidding permitted your contractors to obtain
21	A. I don't recall.	21	the best price possible for media inventory?
22	Q. Can you turn to Page 51.	22	A. I don't know.

34 (Pages 130 - 133)

	Page 134		Page 136
1	MS. ZWOLINSKI: Objection to form.	1	programmatic
2	BY MS. GOODMAN:	2	MS. ZWOLINSKI: Objection.
3	Q. Okay. Do you agree or what's	3	BY MS. GOODMAN:
4	your understanding of whether realtime bidding	4	Q search?
5	succeeds in obtaining the best price as	5	MS. ZWOLINSKI: Objection. Form.
6	possible for media inventory?	6	THE WITNESS: They clearly do not
7	MS. ZWOLINSKI: Objection. Form.	7	look like search, but that's the only
8	THE WITNESS: I don't have one.	8	determination I can make for you.
9	BY MS. GOODMAN:	9	BY MS. GOODMAN:
10	Q. I would like to go to 107. So	10	Q. And when you use when the census
11	actually, why don't we turn to page we're	10	bureau strike that one.
12	losing page numbers.	12	Turning to 128, we are talking about
13	A. I was going to say.	13	programmatic here.
14	Q. 1 Bates ending 134.	14	Do you see that?
15	A. Yes.	15	A. Yes.
16	Q. Okay. So now we're in a section of	16	Q. And does programmatic advertising
17	the deck called: "Understanding Digital Media	17	refer strike that.
18	Channels."	18	In what way then if you look at
19	Do you see that?	19	Page 129, where it says: "Increases in mobile
20	A. Yes.	20	streaming and publisher offerings."
21	Q. Okay. And if we go now to Slide	21	Do you see that?
22	107, which is Bates ending 138, the slide is	22	A. Yes.
	Page 135		Page 137
1	titled: "Expanding Formats and Channels."	1	Q. Is it fair to say that programmatic
2	What is the difference between a	2	bidding programmatic advertising can be
3	format and a channel?	3	purchased in a variety of internet means, such
4	MS. ZWOLINSKI: Objection. Form.	4	as mobile, streaming or different publisher
5	THE WITNESS: I don't recall.	5	offerings?
6	BY MS. GOODMAN:	6	MS. ZWOLINSKI: Objection. Form.
7	Q. Okay. And so what you see here are	7	THE WITNESS: I can't say.
8	a variety of different digital ads that exist	8	BY MS. GOODMAN:
9	in the world, fair?	9	Q. What's your understanding of what
1			
10	A. Uh-huh.	10	programmatic advertising is?
10 11	A. Uh-huh. MS. ZWOLINSKI: Objection. Form.	10 11	programmatic advertising is? A. My understanding of programmatic
11	MS. ZWOLINSKI: Objection. Form.	11	A. My understanding of programmatic
11 12	MS. ZWOLINSKI: Objection. Form. BY MS. GOODMAN:	11 12	A. My understanding of programmatic advertising, it is it's an opportunity for
11 12 13	MS. ZWOLINSKI: Objection. Form. BY MS. GOODMAN: Q. Okay. And so let's look at the	11 12 13	A. My understanding of programmatic advertising, it is it's an opportunity for the ad our ad to be an ad to be served to
11 12 13 14	MS. ZWOLINSKI: Objection. Form. BY MS. GOODMAN: Q. Okay. And so let's look at the Spotify example here.	11 12 13 14	A. My understanding of programmatic advertising, it is it's an opportunity for the ad our ad to be an ad to be served to multiple sites as opposed at one time, based
11 12 13 14 15	MS. ZWOLINSKI: Objection. Form. BY MS. GOODMAN: Q. Okay. And so let's look at the Spotify example here. Did the did the census bureau	11 12 13 14 15	A. My understanding of programmatic advertising, it is it's an opportunity for the ad our ad to be an ad to be served to multiple sites as opposed at one time, based upon criteria that is provided as opposed to,
11 12 13 14 15 16	MS. ZWOLINSKI: Objection. Form. BY MS. GOODMAN: Q. Okay. And so let's look at the Spotify example here. Did the did the census bureau advertise on Spotify? A. I don't recall.	11 12 13 14 15	A. My understanding of programmatic advertising, it is it's an opportunity for the ad our ad to be an ad to be served to multiple sites as opposed at one time, based upon criteria that is provided as opposed to, like, site direct, you know for sure you are
11 12 13 14 15 16 17 18	MS. ZWOLINSKI: Objection. Form. BY MS. GOODMAN: Q. Okay. And so let's look at the Spotify example here. Did the did the census bureau advertise on Spotify? A. I don't recall.	11 12 13 14 15 16	A. My understanding of programmatic advertising, it is it's an opportunity for the ad our ad to be an ad to be served to multiple sites as opposed at one time, based upon criteria that is provided as opposed to, like, site direct, you know for sure you are going to ESPN or you know you are going to BuzzFeed or you know you are going to the BUMP
11 12 13 14 15 16 17 18 19	MS. ZWOLINSKI: Objection. Form. BY MS. GOODMAN: Q. Okay. And so let's look at the Spotify example here. Did the did the census bureau advertise on Spotify? A. I don't recall. Q. Okay. And do you recall well, strike that.	11 12 13 14 15 16 17	A. My understanding of programmatic advertising, it is it's an opportunity for the ad our ad to be an ad to be served to multiple sites as opposed at one time, based upon criteria that is provided as opposed to, like, site direct, you know for sure you are going to ESPN or you know you are going to BuzzFeed or you know you are going to the BUMP or something like that.
11 12 13 14 15 16 17 18	MS. ZWOLINSKI: Objection. Form. BY MS. GOODMAN: Q. Okay. And so let's look at the Spotify example here. Did the did the census bureau advertise on Spotify? A. I don't recall. Q. Okay. And do you recall well,	11 12 13 14 15 16 17 18 19 20	A. My understanding of programmatic advertising, it is it's an opportunity for the ad our ad to be an ad to be served to multiple sites as opposed at one time, based upon criteria that is provided as opposed to, like, site direct, you know for sure you are going to ESPN or you know you are going to BuzzFeed or you know you are going to the BUMP

35 (Pages 134 - 137)

	Page 138		Page 140
1	all of your criteria and then it will find	1	THE WITNESS: We know they exist.
2	sites that meet that criteria and chances are	2	We didn't get this deep in the weeds, but this
3	sites you have never, ever, ever, ever, ever	3	was just an overview, this whole deck is an
4	heard of but it serves your ad, and it's it	4	overview of the media landscape so that you can
5	gives is the opportunity to reach audiences	5	understand the different terminologies and the
6	in a way that you wouldn't have normally	6	different types of media there are.
7	thought to reach them.	7	BY MS. GOODMAN:
8	Q. And can you do programmatic	8	Q. And from your point of view, whether
9	advertising in mobile applications or for	9	Y&R or Reingold determined using real-time
10	mobile ads?	10	bidding versus a private marketplace versus
11	A. My understanding is that the ads are	11	programmatic guaranteed, that was a decision
12	are served to different sites, if the site	12	left to them; is that correct?
13	is optimized for mobile, and you are accessing	13	MS. ZWOLINSKI: Objection. Form.
14	that site on your mobile, then the answer is	14	THE WITNESS: Again, whatever we
15	yes. You are not buying by mobile. The site	15	used was determined by a whole lot of different
16	is served access whoever is using the	16	data points. I mean, if you look at the first
17	mobile to access that site has the ability to	17	row under options is programmatic guarantee.
18	see that ad.	18	If you go to pros, it says it allowed buyers to
19	Q. And how about with respect to video	19	guarantee delivery to a specific audience
20	or streaming? Is there programmatic	20	across publishers.
21	advertising with respect to video or streaming	21	If we are going for a specific
22	ads?	22	audience, there is a possibility that is what
	Page 139		Page 141
1	MS. ZWOLINSKI: Objection. Form.	1	they are using. That's I can't say for sure
2	THE WITNESS: My understanding is	2	that they did, but whatever they determined to
3	that is just another type of ad that can be	3	use would be based upon the audience that they
4	served through programmatic buying.	4	were trying to reach.
5	BY MS. GOODMAN:	5	BY MS. GOODMAN:
6	Q. And if you turn to Page 134 ending	6	Q. And so you relied on the ad agencies
7	in Bates 65.	7	to make the appropriate determination of which
8	Is this slide depicting the variety	8	of these options to use, if any, when trying to
9	of ways in which the census bureau could engage	9	reach a particular audience, correct?
		10	<u>-</u>
10	in programmatic advertising? MS. ZWOLINSKI: Objection. Form.	10	MS. ZWOLINSKI: Objection. Form. THE WITNESS: Yes.
11	2		
12	THE WITNESS: What this slide is	12	BY MS. GOODMAN:
13	showing are the different options so that we	13	Q. Okay. And if we go on to Page 150
14	understand that there are options. It doesn't	14	we are losing a page number, 182 at the
15	necessarily say that this is what was	15	bottom, 248182.
16	recommended for the census campaign.	16	This is a slide depicting the
17	BY MS. GOODMAN:	17	variety of channels through which advertising
18	Q. Got it. But you are aware these are	18	could be obtained, correct?
19	options for programmatic bidding strike	19	A. Some of them, yes.
20	that for programmatic advertising available	20	Q. Meaning not all of the channels
121	to the census bureau at least in 2018?	21	through which advertising could be could be
21 22	MS. ZWOLINSKI: Objection. Form.	22	obtained are on this slide, right?

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1	Page 142	1	Page 144
1	MS. ZWOLINSKI: Objection. Form.	1	impression is how many times it's seen or it's
2	THE WITNESS: I'm sorry. I am	2	a brand I mean, it is an industry standard
3	thinking. These are okay. I will say yes.	3	measurement.
4	BY MS. GOODMAN:	4	Q. And so in terms of how programmatic
5	Q. Okay. The types of advertising that	5	measurements are made and how digital
6	you would consider digital fall under the	6	advertisements are made, they are both with
7	heading of digital.	7	respect to impressions, at least according to
8	Which one of those are depicted	8	this chart; is that right?
9	here?	9	A. According to
10	MS. ZWOLINSKI: Objection. Form.	10	MS. ZWOLINSKI: Objection to form.
11	THE WITNESS: Well, the interesting	11	THE WITNESS: According to this
12	thing here is that you have digital, but then	12	chart, yes.
13	you are very clearly saying social, you are	13	BY MS. GOODMAN:
14	very clearly saying programmatic, and you're	14	Q. Okay. And so if you are evaluating
15	very clearly saying search, so given that those	15	well, when you were evaluating what kinds of
16	three have been teased out here and we have	16	channels to use in the course of your work for
17	only been talking about four types under the	17	the 2020 census, do you consider the fact that
18	digital, it would seem that they're thinking	18	each of these mechanisms were able to be
19	no.	19	deployed to target a particular audience?
20	My impression, my understanding is	20	MS. ZWOLINSKI: Objection to form.
21	that it's more site-direct because the other	21	THE WITNESS: For the 2020 census,
22	three are very specific.	22	while everybody is supposed to every
	Page 143		Page 145
1	BY MS. GOODMAN:	1	household should respond, it is necessary to
2	Q. And if we look in the strength under	2	target, you know, it is not one size fits all.
3	those four, do all of them contain a notation	3	You've got to be able to talk to people
4	that they permit targeting of a specific	4	differently.
5	audience?	5	You want to be authentic and and
6	MS. ZWOLINSKI: Objection. Form.	6	real and you want to know that I am speaking
7	THE WITNESS: Yes. They all mention	7	directly to you and not to a room of people who
8	target or targeting. They don't discuss so	8	look like you but don't think like you. That's
9	yes.	9	why targeting was very important in all the
10	BY MS. GOODMAN:	10	media that we purchased.
11	Q. And under measurements, digital and	11	BY MS. GOODMAN:
12	programmatic both have the terms "viewability	12	Q. And so could you substitute the use
13	and impressions," right?	13	of digital site direct with social, for
14	A. Yes.	14	example, in order to reach the audience you
15	Q. And what does measurement mean here?	15	needed to reach?
16	A. It's important to get the most	16	MS. ZWOLINSKI: Objection to form.
17	number of impressions as possible within the	17	THE WITNESS: No. They are all
18	realm of reaching your audience and doing it	18	tools in the toolbox. They have to work
19	efficiently and effectively, so when we look at	19	together.
17		20	BY MS. GOODMAN:
20	The noctanity analysis the plan the there		
20	the post-buy analysis, the plan, the there		
20 21 22	is a plan number of impressions they expect to get, and we then you have your actual, so	21 22	Q. And you could make allocations within each of those categories based on what

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	Page 146		Page 148
1	was the most effective way to reach your	1	BY MS. GOODMAN:
2	audience; is that correct?	2	Q. So you can't use digital to the
3	MS. ZWOLINSKI: Objection to form.	3	exclusion of social, but you can make
4	THE WITNESS: That is what we	4	appropriate allocations between the two; is
5	expected our agencies to do.	5	that fair?
6	BY MS. GOODMAN:	6	MS. ZWOLINSKI: Objection to form.
7	Q. Okay. And on the second page of	7	THE WITNESS: For the 2020 census,
8	this, turning to 152, do you see that the time	8	we needed a holistic approach and the agencies
9	to well, what does the media channel	9	buying media on behalf of the census bureau
10	creative timeline here mean?	10	used all the tools in their toolbox so that we
11	A. My understanding of this is how long	11	made sure that whether or not it doesn't
12		12	
	it takes so for digital, if it's a standard		matter if you see the ad ten times across
13	ad, standard ad they needed at least we have to allow them two weeks from the time we	13	different platforms, you are seeing the ad, and
14		14	we did not substitute digital for social or
15	get it for them to post it. That is my	15	programmatic. It all depended upon what we
16	understanding of this. I thought it was	16	were trying to achieve and the audience we were
17	shorter, but two weeks. If it is custom, six	17	trying to reach.
18	weeks from creation to airing.	18	MS. GOODMAN: Shall we take a break?
19	Q. And you see that digital and	19	MS. ZWOLINSKI: Yes.
20	programmatic have the same time to airing; is	20	THE VIDEOGRAPHER: Going off the
21	that right?	21	record. The time is 12:46.
22	A. Yes.	22	(A short recess was taken.)
	Page 147		Page 149
1	Q. And search also has at least for	1	THE VIDEOGRAPHER: Going back on the
2	has two weeks here as well?	2	record. The time is 13:39.
3	MS. ZWOLINSKI: Objection to form.	3	(Deposition Exhibit 16 was marked
4	THE WITNESS: Yes.	4	for identification.)
5	BY MS. GOODMAN:	5	BY MS. GOODMAN:
6	Q. And social is a little bit faster	6	Q. Ms. Oliphant, I am going to hand you
7	than programmatic, search or digital; is that	7	Exhibit 16, CENSUS-ADS-168193 through 195.
8	right?	8	MS. ZWOLINSKI: Do you have a copy?
9	MS. ZWOLINSKI: Objection.	9	MS. GOODMAN: Oh, sorry.
10	Foundation.	10	MS. ZWOLINSKI: Thank you.
11	THE WITNESS: Yes.	11	BY MS. GOODMAN:
12	BY MS. GOODMAN:	12	Q. And this is an e-mail you received
13	Q. Okay. And so in looking at the	13	from Jack Benson at Reingold on June 9, 2020.
14	media channel summary slide, just one page	14	Do you see that?
15	back, is it fair to say that digital, social,	15	A. Yes.
		1.0	Q. And he is following if up on our
16	programmatic and search have similar	16	8 1
16 17	programmatic and search have similar characteristics depicted here?	17	recent click-to-call conversations.
17	characteristics depicted here?	17	recent click-to-call conversations.
17 18	characteristics depicted here? MS. ZWOLINSKI: Objection to form.	17 18	recent click-to-call conversations. Do you see that in the first line?
17 18 19	characteristics depicted here? MS. ZWOLINSKI: Objection to form. THE WITNESS: Well, some of the	17 18 19	recent click-to-call conversations. Do you see that in the first line? A. Yes.

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1	Page 150	1	Page 152 receive?
	click-to-call means you could click on the ad and it would it would immediately dial	2	
2	whatever number was associated with that ad.		MS. ZWOLINSKI: Objection. Form. THE WITNESS: This was a last-minute
3		3	
4	This was all around questionnaire	4	request, and we were trying to honor the
5	assistance specifically in non-English	5	request. I don't know that we approved this,
6	languages.	6	but they did he did provide options.
7	Q. And you see he writes: "We would	7	BY MS. GOODMAN:
8	recommend implementing both scenarios below	8	Q. And what you have my question is:
9	immediately."	9	Did you have discussions with Mr. Benson or
10	And then he continues: "We looked	10	others at Reingold about the various digital
11	into options across platforms, and search seems	11	channels that they considered with respect to a
12	to make the most sense, as programmatically we	12	particular ad they were going to place and
13	cannot deliver call ads in DV360 and we've	13	and what their considerations with respect to
14	tested social with FB."	14	each of those channels?
15	Do you see it that?	15	MS. ZWOLINSKI: Objection to form.
16	A. Uh-huh.	16	THE WITNESS: Our normal what we
17	Q. What do you understand him to mean	17	do is a performance-based contract. We provide
18	in that sentence?	18	we state the problem, and we ask them to
19	A. That for click-to-call, search is	19	come back with a recommendation to solve that
20	the best option. I would assume I	20	problem, to address that problem.
21	reading this DV360 seems to be something they	21	In this case it was adding this CQA,
22	were using to serve programmatic ads.	22	consensus questionnaire assistance, phone
	Page 151		Page 153
1	And I don't know what he means,	1	number on specific ads and how would that be
2	like, we tested with social with F I'm	2	done in a digital format through digital ads
3	sure I know FB is Facebook. When this was	3	BY MS. GOODMAN:
4	written, I could have told you exactly what	4	Q. Okay.
5	everything meant. But, yeah, that's pretty	5	A but we also had the same
6	much it.	6	conversation happening through the other types
7	Q. And so with respect to achieving	7	of media.
8	the the goal of serving click-to-call ads,	8	Q. And so from your point of view as
9	the ad agency considered a variety of channels,	9	the advertiser, did it matter to you what
10	including programmatic, social, and search; is	10	channel programmatic, search, or social
11	that correct?	11	this particular ad was served through?
12	MS. ZWOLINSKI: Objection to form.	12	MS. ZWOLINSKI: Objection. Form.
13	THE WITNESS: Yes.	13	THE WITNESS: What would matter to
14	BY MS. GOODMAN:	14	me is if I was asked why it's only on why
15	Q. And did you routinely have	15	are we only addressing this through search and
16	conversations or e-mail communications with	16	no other means. This would serve as a the
17	Mr. Benson with respect to the best channel	17	background for why that was the way we went.
18	through which to serve a particular ad?	18	Those are the kinds of questions we
19	MS. ZWOLINSKI: Objection. Form.	19	would have to respond to from stakeholders if
20	THE WITNESS: No.	20	that actually did come up, but this is what I
21	BY MS. GOODMAN:	21	would call a general approach to a request that
22	Q. So this e-mail was unusual to	22	was made about adding the call-in number.

39 (Pages 150 - 153)

	IIIGIILI CO.		
1	Page 154	1	Page 156
1	BY MS. GOODMAN:	1	Page 25 ending in 960, and here we are talking
2	Q. And you expected Reingold to	2	about the TV the slide is talking about the
3	consider a variety of options and channels	3	TV channel; is that correct?
4	available to the census to to serve that	4	A. Yes.
5	particular ad; is that right?	5	Q. Okay. And you see a bullet on
6	MS. ZWOLINSKI: Objection. Form.	6	connected TV penetration?
7	THE WITNESS: Series it's a	7	A. Yes.
8	series of ads. It's not just one add, so yes,	8	Q. Okay. And it says: "Connected TV
9	and it's multiple audiences, so yes.	9	penetration has increased 208 percent since
10	MS. GOODMAN: All right. Let's see.	10	2010 resulting in a more fragmented video
11	77.	11	landscape."
12	(Deposition Exhibit 17 was marked	12	What is connected TV?
13	for identification.)	13	A. I would like to say that it is
14	BY MS. GOODMAN:	14	cable, streaming, because they're connected to
15	Q. I am going to hand you Exhibit 17,	15	the Internet or connected in some yeah.
16	CENSUS-ADS-709936 through 709990 991.	16	Q. And why was it important to take
17	And this is a deck titled: "Order	17	into account that connected TV penetration has
18	15, Media Strategy, 2020 Census Integrated	18	increased 208 percent since 2010 in developing
19	Communications Contract, November 5, 2018."	19	a media strategy for the TV channel?
20	Do you see that?	20	MS. ZWOLINSKI: Objection. Form.
21	A. Yes.	21	THE WITNESS: This was to help
22	Q. Okay. And was this a deck you have	22	manage expectations. The misconception is that
	Page 155		Page 157
1	seen before?	1	you can get you can get so many people when
2	A. Yes.	2	you when you do TV advertising. From a
3	Q. Okay. And did you attend any	3	national perspective, you can, but when you're
4	meetings in which this deck was discussed?	4	reaching specific audiences, regular TV is not
5	A. Yes.	5	always the best option.
6	Q. And what do you recall of that	6	When you when you're looking at
7	meeting?	7	the recommended program or the recommended
8	Let me ask more specifically. When	8	channels on cable, so to speak, you've got to
9	did this when did this meeting take place?	9	understand that their share of the market is so
10	A. Likely on November 5, 2018.	10	much smaller. They reach we need to reach,
11	Q. And what was the purpose of it?	11	but their share of the market is very small.
12	A. This was, again, like, the Media	12	Or, for example, when you're looking
13	101, this was an opportunity well, this is a	13	at media vehicles, TV media vehicles, TV cable
14	meeting where we actually discussed their	14	media vehicles to reach ethic audiences, like
15	recommended strategy for each phase of the	15	Black African-American, the misconception is
16	campaign in terms of messaging and media.	16	BETT has a large share of the market, but in
	Q. Okay. And if you turn to page	17	reality, the share is so incredibly small. Do
1 1 /		1 /	reality, the share is so increatory sinan. Do
17			we do we actually him them? Is it worth our
18	ending in 956, we are headed into a section on	18	we do we actually buy them? Is it worth our
18 19	ending in 956, we are headed into a section on media strategies by channel.	18 19	money to buy them?
18 19 20	ending in 956, we are headed into a section on media strategies by channel. Do you see that?	18 19 20	money to buy them? So you have to look at not only the
18 19	ending in 956, we are headed into a section on media strategies by channel.	18 19	money to buy them?

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	IIIOIIL1 CO		
	Page 158	1	Page 160
1	or not you can achieve that some other way, and	1	viewing options that are referenced or that
2	then, to make it worse, the perception if you	2	would fall within this bullet on
3	don't use them.	3	A. Twitter.
4	BY MS. GOODMAN:	4	MS. ZWOLINSKI: Objection. Form.
5	Q. And would connected TV include	5	THE WITNESS: I'm sorry.
6	advertising on, for example, Hulu or Fubo TV,	6	It's supports video, usually in
7	other streaming apps?	7	short form. No, not off the top no, I
8	MS. ZWOLINSKI: Objection. Form.	8	can't.
9	THE WITNESS: I'm not sure.	9	BY MS. GOODMAN:
10	BY MS. GOODMAN:	10	Q. And if we turn to Page 36 ending in
11	Q. Do you see the second bullet below	11	971, here we are talking about the programmatic
12	sort of indented under "connected TV"?	12	digital channel.
13	A. Uh-huh.	13	Do you see that?
14	Q. And it talks about new digital	14	A. Yes.
15	viewing options, such as OTT and short-,	15	Q. And is it accurate that programmatic
16	long-form content across the web.	16	advertising can deliver ads on online sites and
17	Do you see that?	17	apps and in more ways, as reflected in the
18	A. Yes.	18	second bullet?
19	Q. What does that mean? What did you	19	A. That is my understanding.
20	understand that to mean?	20	Q. Okay. And you see one of the the
21	A. I cannot remember let me pause.	21	third bullet says: "One of the biggest content
22	I cannot remember what OTT stands	22	consumption trends is the increase in time
	Page 159		Page 161
1	for, over the something. But you go back	1	spent per day with digital video."
2	TikTok, YouTube, a lot of advertisers are using	2	Do you see that?
3	these because they offer the ability to have	3	A. Yes.
4	short short short-form videos. I mean,	4	Q. And can video ads be served
5	TikTok is all short-form videos, but YouTube,	5	programmatically?
6	you can have short-form or long-term videos.	6	A. I believe they can, yes.
7	It all depends, and it depends on the audience	7	Q. And so on Page 37, the next page,
8	that you're trying to reach and the way those	8	where it talks about programmatic strategies in
9	vehicles are segmented for the different	9	the in the box.
10	audiences.	10	A. Yes.
11	Q. And the last few words here talk	11	Q. The first bullet says: "Use
12	about across the web. Can you think of other	12	streaming video, rich media, and banner ads
13	kinds of connected TV channels across the web	13	driving to the 2020 census website to educate
14	through which, as an advertiser, the census	14	and motivate low-response audiences in areas."
15	bureau wanted to use?	15	Do you see that?
16	MS. ZWOLINSKI: Objection. Form.	16	A. Yes.
17	THE WITNESS: I don't recall.	17	Q. And so did the census bureau use
18	BY MS. GOODMAN:	18	programmatic advertising through with
19	Q. Would Hulu constitute a connected TV	19	streaming video, rich media, and banner ads in
20	channel?	20	the course of the advertising campaign for the
21	A. I don't recall.	21	census?
22	Q. And can you think of any new digital	22	MS. ZWOLINSKI: Objection. Form.
	Z. This can you mink of any new digital		1110. Z 11 ODITIORI. Objection. Totali.

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		1111	
,	Page 162	,	Page 164
1	THE WITNESS: Yes.	1	THE WITNESS: It just it was
2	BY MS. GOODMAN:	2	another piece of information to prove that we
3	Q. And do you know specifically how	3	needed to use all the tools in our toolbox and
4	your advertising agencies delivered these kinds	4	not just focus on one.
5	of programmatic ads?	5	BY MS. GOODMAN:
6	MS. ZWOLINSKI: Objection. Form.	6	Q. And did site direct provide a way to
7	THE WITNESS: No.	7	reach audiences that have ad blockers?
8	BY MS. GOODMAN:	8	A. It was one way, yes.
9	Q. In the e-mail we were looking at	9	Q. Can you think of other ways that the
10	earlier I can't recall what exhibit number	10	census reached people who have ad blockers
11	it was yes.	11	through digital means?
12	A. 16.	12	MS. ZWOLINSKI: Objection. Form.
13	Q. It mentioned DV360.	13	THE WITNESS: Through social.
14	A. Yes.	14	BY MS. GOODMAN:
15	Q. Do you know what that is?	15	Q. And how about search?
16	A. I recall seeing seeing it. I	16	A. Search. We did not serve ads. We
17	could not I can't describe exactly what it	17	just made sure census bureau was at the top of
18	is. My assumption well, no. I don't know	18	the list when somebody searched on any of the
19	what it is.	19	on any of the key words that we agreed upon.
20	Q. Do you know what it stands for?	20	Q. Are you referring to search engine
21	A. No, I do not.	21	optimization?
22	Q. Do you know what company owns or	22	MS. ZWOLINSKI: Objection. Form.
	Page 163		Page 165
1	operates or offers offers it to the public?	1	THE WITNESS: Sounds good.
2	MS. ZWOLINSKI: Objection. Form.	2	BY MS. GOODMAN:
3	THE WITNESS: No.	3	Q. But you don't think that the census
4	BY MS. GOODMAN:	4	bureau bought search ads to place upon somebod
5	Q. Okay. Back at 17, the big deck from	5	searching for a census key word and seeing the
6	the November 8th deck. I think that's the one	6	first ads that pop up on a in a search
7	you have in front of you.	7	engine?
8	A. Oh.	8	MS. ZWOLINSKI: Objection. Form.
9	MS. ZWOLINSKI: Is it November 5th?	9	THE WITNESS: I don't recall.
10	BY MS. GOODMAN:	10	MS. GOODMAN: Okay. Okay. Can I
11	Q. Sorry. November 5, 2018?	11	have 29.
12	A. This one?	12	(Deposition Exhibit 18 was marked
13	Q. Yes. Okay. Turn to Page 40,	13	for identification.)
14	please, ending in 975. And in the first	14	MS. GOODMAN: I am going to hand you
15	bullet, it talks about more and more people	15	Exhibit 18, CENSUS-ADS-94975 through 95010
16	using ad blockers to limit advertising showing	16	BY MS. GOODMAN:
17	as they browse the Internet. This particularly	17	Q. And you see this is a congressional
18	affects programmatic display.	18	staff briefing on the 2020 census integrated
19	What did people's use of how did	19	communication campaign update dated May 1,
20	people's use of ad blockers inform this	20	2020, right?
21	media-buying strategy for the 2020 census?	21	A. Yes.
22	MS. ZWOLINSKI: Objection to form.	22	Q. Did you attend any congressional

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	Page 182		Page 184
1	MS. ZWOLINSKI: Objection. Form.	1	campaign optimization daily report used for?
2	THE WITNESS: We had a an order	2	MS. ZWOLINSKI: Objection. Form.
3	specifically devoted to campaign optimization,	3	THE WITNESS: It was used to
4	and so please define what you mean by campaign	4	evaluate any issues that were being encountered
5	optimization reports.	5	that were hindering self-response or or
6	MS. GOODMAN: I think I have an	6	contributing to lower than expected
7	easier way of going about it, and I'm going to	7	self-response rates and then recommendations to
8	hand you Exhibit 19, CENSUS-ADS-0000709885	8	mitigate.
9	through 897.	9	BY MS. GOODMAN:
10	(Deposition Exhibit 19 was marked	10	Q. And would paid would digital
11	for identification.)	11	advertising would issues with respect to
12	BY MS. GOODMAN:	12	digital advertising be depicted in campaign
13	Q. And my question is whether this is a	13	optimization daily reports if it was an issue
14	kind of document titled: "Campaign	14	needing to be a priority issue?
15	Optimization Daily Report," you have seen in	15	MS. ZWOLINSKI: Objection. Form.
16	the course of your work in the 2020 census?	16	THE WITNESS: If by some for some
17	A. Yes.	17	reason digital advertising was impeding
18	Q. Okay. And so what was the purpose	18	self-response, then that would be reported
19	of these reports?	19	here.
20	A. Every day the campaign optimization	20	BY MS. GOODMAN:
21	team met to look at where we were in terms of	21	Q. So here in the first issue where it
22	self-response and to deploy various	22	says: "Need for campaign adjustments in
	Page 183		Page 185
1	communication methods or to utilize various	1	response to COVID and operational changes,"
2	communication methods to encourage	2	there are various recommendations listed on the
3	self-response, specifically in areas where the	3	right-hand side, some of which mention media,
4	response was not at the level anticipated.	4	correct?
5	Q. And so is the national response rate	5	A. Can
6	here, is that what is that measuring?	6	MS. ZWOLINSKI: Objection. Form.
7	A. How many people have responded	7	THE WITNESS: Can you verify which
8	nationwide or how many households, because it's	8	page you are looking at again.
9	based on households.	9	BY MS. GOODMAN:
10	Q. And do you know what the P2E means?	10	Q. 86, ending in 86.
11	A. I do. Allow me. Plan percent to	11	A. And you just oh, you're over
12	expected.	12	here. Okay. I'm sorry. I couldn't find it on
13	Q. Percent to expected?	13	the page.
14	A. Yes.	14	Q. That's okay.
15	Q. I see. So it's taking the actual	15	A. Would you repeat your question,
16	and expected on the left-hand side and showing	16	please.
17	how well you're performing relative to what is	17	Q. Yeah. I just want to make sure
18	expected?	18	you're we're looking at the same thing which
19	A. Yes.	19	is with respect to addressing the issue of need
20	Q. Okay. And what on Page 2 where	20	for campaign adjustments in response to COVID
21	it says: "Priority issues and	21	and operational changes, the recommendations
22	recommendations," what was this section of the	22	column on the right-hand side includes various
	recommendations, what was this section of the	22	column on the right-hand side includes various

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	Page 186		Page 188
1	web, digital, and media recommendations,	1	Q. Uh-huh.
2	correct?	2	A. EPK is electronic press kit.
3	MS. ZWOLINSKI: Objection. Form.	3	Q. Okay. And so do you know why key
4	THE WITNESS: Can you repeat your	4	word search ads for census plus coronavirus
5	question one more time. I'm sorry.	5	directing to the electronic press kit was a
6	BY MS. GOODMAN:	6	recommendation completed in order to address
7	Q. That's okay. We'll try it another	7	campaign adjustments in response to COVID?
8	way.	8	MS. ZWOLINSKI: Objection. Form.
9	You see on the right-hand side under	9	THE WITNESS: Because electronic
10	"recommendations," third bullet down: "Media,	10	press kit provided all of our statements about
11	reprogramming TV, radio, inventory for	11	how we were adjusting operations in light of
12	canceled, postponed sporting events."	12	everything all the changes due to COVID.
13	Do you see that?	13	BY MS. GOODMAN:
14	A. Yes.	14	Q. Okay. And okay. And from your
15	Q. And that was one recommended way to	15	point of view, did the campaign optimization
16	address the need for campaign adjustments in	16	daily reports ever address issues with respect
17	response to COVID in operational changes; is	17	to the use of programmatic advertising?
18	that right?	18	MS. ZWOLINSKI: Objection. Form.
19	A. It was a recommendation that was	19	THE WITNESS: Not that I recall.
		20	BY MS. GOODMAN:
20	already in progress.	20	
21 22	Q. Okay. And one of the		Q. Okay. What is the CORT/X I am on
22	recommendations that was complete was web,	22	Page 86, right under "priority issues and
1	Page 187 published statements on operational updates.	1	Page 189 recommendations."
	Do you see that?	2	There is an acronym CORT/X. What
2	A. Yes.	3	does that mean?
3		4	
4	Q. And what is web referring to there?	5	A. So CORT is campaign optimization review team or response team, I don't know what
5	A. The the 2020 census website.	· .	the R was, but there was a primary team and the
6	Q. And is that that's different from	6	•
7	the general census bureau website; is that	7	CORT/X was elevating it to a higher level so it
8	right?	8	included persons like myself, the maybe not
9	A. It's it is yes, it's	9	so the assistant directors for
10	different, but that doesn't mean this wasn't on	10	communications, the associate director for
1.1			
11	both sites.	11	communications, the assistant and associate
12	Q. And digital where it says: "Deploy	12	director for field division field
12 13	Q. And digital where it says: "Deploy key word search ads for census plus coronavirus	12 13	director for field division field operations, assistant I don't know.
12 13 14	Q. And digital where it says: "Deploy key word search ads for census plus coronavirus directing to EPK."	12 13 14	director for field division field operations, assistant I don't know. Somebody higher up in the decennial.
12 13 14 15	Q. And digital where it says: "Deploy key word search ads for census plus coronavirus directing to EPK." Do you see that?	12 13 14 15	director for field division field operations, assistant I don't know. Somebody higher up in the decennial. I don't remember what which
12 13 14 15 16	Q. And digital where it says: "Deploy key word search ads for census plus coronavirus directing to EPK." Do you see that? A. I do.	12 13 14 15 16	director for field division field operations, assistant I don't know. Somebody higher up in the decennial. I don't remember what which position it was, but in some cases, it was the
12 13 14 15 16 17	Q. And digital where it says: "Deploy key word search ads for census plus coronavirus directing to EPK." Do you see that? A. I do. Q. What is EPK?	12 13 14 15 16 17	director for field division field operations, assistant I don't know. Somebody higher up in the decennial. I don't remember what which position it was, but in some cases, it was the associate director for decennial operations.
12 13 14 15 16 17 18	 Q. And digital where it says: "Deploy key word search ads for census plus coronavirus directing to EPK." Do you see that? A. I do. Q. What is EPK? A. I do not know. 	12 13 14 15 16 17 18	director for field division field operations, assistant I don't know. Somebody higher up in the decennial. I don't remember what which position it was, but in some cases, it was the associate director for decennial operations. But it elevated the X, the CORT/X was a team
12 13 14 15 16 17 18 19	 Q. And digital where it says: "Deploy key word search ads for census plus coronavirus directing to EPK." Do you see that? A. I do. Q. What is EPK? A. I do not know. Q. Okay. And why was do you know 	12 13 14 15 16 17 18 19	director for field division field operations, assistant I don't know. Somebody higher up in the decennial. I don't remember what which position it was, but in some cases, it was the associate director for decennial operations. But it elevated the X, the CORT/X was a team that was elevated because it would the
12 13 14 15 16 17 18 19 20	Q. And digital where it says: "Deploy key word search ads for census plus coronavirus directing to EPK." Do you see that? A. I do. Q. What is EPK? A. I do not know. Q. Okay. And why was do you know why the recommendation was completed to deploy	12 13 14 15 16 17 18 19 20	director for field division field operations, assistant I don't know. Somebody higher up in the decennial. I don't remember what which position it was, but in some cases, it was the associate director for decennial operations. But it elevated the X, the CORT/X was a team that was elevated because it would the issues and recommendations would require
12 13 14 15 16 17 18 19	 Q. And digital where it says: "Deploy key word search ads for census plus coronavirus directing to EPK." Do you see that? A. I do. Q. What is EPK? A. I do not know. Q. Okay. And why was do you know 	12 13 14 15 16 17 18 19	director for field division field operations, assistant I don't know. Somebody higher up in the decennial. I don't remember what which position it was, but in some cases, it was the associate director for decennial operations. But it elevated the X, the CORT/X was a team that was elevated because it would the

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	Page 190		Page 192
1	Q. Fair to say senior leadership?	1	advertising able to be targeted based on
2	A. Yes.	2	geography?
3	Q. Okay. And so did you receive these	3	MS. ZWOLINSKI: Objection. Form.
4	campaign optimization daily reports because you	4	THE WITNESS: Yes.
5	were a member of the CORT/X team?	5	BY MS. GOODMAN:
6	MS. ZWOLINSKI: Objection. Form.	6	Q. And so one thing that you had to do
7	THE WITNESS: I received it because	7	that the census bureau had to do in order to
8	I was part of CORT/X. I received it because	8	address low response in update leave areas, was
9	oftentimes, media was involved, so I was the	9	to use digital advertising; is that right?
10	COR for media and I received it because I was	10	MS. ZWOLINSKI: Objection. Form.
	the chief of the PMO.		THE WITNESS: Yes.
11		11	
12	BY MS. GOODMAN:	12	BY MS. GOODMAN:
13	Q. So if we look at Page 87, in the	13	Q. And from your point of view as a
14	middle of the page, right sorry, left-hand	14	representative of the census working in
15	side: "Low response in U/L geos."	15	advertising, did it matter to you how T Y&R
16	What does that mean?	16	deployed that digital advertising?
17	A. Update lead geographies, so in some	17	MS. ZWOLINSKI: Objection. Form.
18	cases, the census is conducted by the census	18	THE WITNESS: No.
19	taker actually going to the residence and	19	BY MS. GOODMAN:
20	leaving a form and then you have	20	Q. So we have looked at this media
21	update/enumerate, which would be U/E, where	21	buying 101 deck, we saw the media strategy 2018
22	they actually go to the home and they enumerate	22	deck.
	Page 191		Page 193
1	on the spot.	1	Do you consider those documents to
2	Q. Meaning complete the census on the	2	accurately depict what advertising looks like
3	spot?	3	from an advertiser's within the industry?
4	A. Yes.	4	MS. ZWOLINSKI: Objection. Form.
5	Q. Okay. And you see in the overview	5	THE WITNESS: I think that they
6	section: "TYR is working to deploy digital	6	
7		~	include a lot of terminology that are standard
	advertising for U/L geos acknowledging the	7	in the industry but the approach definitely
8	reminder letter."	-	in the industry but the approach definitely the strategy was tailored to our needs.
8 9		7	in the industry but the approach definitely
	reminder letter." What does that mean? A. There was a reminder letter that was	7 8	in the industry but the approach definitely the strategy was tailored to our needs. BY MS. GOODMAN: Q. And with respect to the strategy
9	reminder letter." What does that mean? A. There was a reminder letter that was sent to households that fell within the update	7 8 9	in the industry but the approach definitely the strategy was tailored to our needs. BY MS. GOODMAN:
9	reminder letter." What does that mean? A. There was a reminder letter that was sent to households that fell within the update leave areas, asking reminding them that the	7 8 9 10	in the industry but the approach definitely the strategy was tailored to our needs. BY MS. GOODMAN: Q. And with respect to the strategy
9 10 11	reminder letter." What does that mean? A. There was a reminder letter that was sent to households that fell within the update	7 8 9 10 11	in the industry but the approach definitely the strategy was tailored to our needs. BY MS. GOODMAN: Q. And with respect to the strategy being tailored to the census bureau's needs, in
9 10 11 12	reminder letter." What does that mean? A. There was a reminder letter that was sent to households that fell within the update leave areas, asking reminding them that the	7 8 9 10 11 12	in the industry but the approach definitely the strategy was tailored to our needs. BY MS. GOODMAN: Q. And with respect to the strategy being tailored to the census bureau's needs, in your view, did the strategy deck incorporate
9 10 11 12 13	reminder letter." What does that mean? A. There was a reminder letter that was sent to households that fell within the update leave areas, asking reminding them that the census was still ongoing and that once field	7 8 9 10 11 12 13	in the industry but the approach definitely the strategy was tailored to our needs. BY MS. GOODMAN: Q. And with respect to the strategy being tailored to the census bureau's needs, in your view, did the strategy deck incorporate standard industry terms, practices, and
9 10 11 12 13 14	reminder letter." What does that mean? A. There was a reminder letter that was sent to households that fell within the update leave areas, asking reminding them that the census was still ongoing and that once field operations resumed, they would be visited by an	7 8 9 10 11 12 13 14	in the industry but the approach definitely the strategy was tailored to our needs. BY MS. GOODMAN: Q. And with respect to the strategy being tailored to the census bureau's needs, in your view, did the strategy deck incorporate standard industry terms, practices, and channels?
9 10 11 12 13 14 15	reminder letter." What does that mean? A. There was a reminder letter that was sent to households that fell within the update leave areas, asking reminding them that the census was still ongoing and that once field operations resumed, they would be visited by an enumerator to complete their census.	7 8 9 10 11 12 13 14 15	in the industry but the approach definitely the strategy was tailored to our needs. BY MS. GOODMAN: Q. And with respect to the strategy being tailored to the census bureau's needs, in your view, did the strategy deck incorporate standard industry terms, practices, and channels? MS. ZWOLINSKI: Objection. Form.
9 10 11 12 13 14 15 16	reminder letter." What does that mean? A. There was a reminder letter that was sent to households that fell within the update leave areas, asking reminding them that the census was still ongoing and that once field operations resumed, they would be visited by an enumerator to complete their census. Q. And how did they deploy digital	7 8 9 10 11 12 13 14 15 16	in the industry but the approach definitely the strategy was tailored to our needs. BY MS. GOODMAN: Q. And with respect to the strategy being tailored to the census bureau's needs, in your view, did the strategy deck incorporate standard industry terms, practices, and channels? MS. ZWOLINSKI: Objection. Form. THE WITNESS: Yes.
9 10 11 12 13 14 15 16 17	reminder letter." What does that mean? A. There was a reminder letter that was sent to households that fell within the update leave areas, asking reminding them that the census was still ongoing and that once field operations resumed, they would be visited by an enumerator to complete their census. Q. And how did they deploy digital advertising with respect to that pursuit?	7 8 9 10 11 12 13 14 15 16 17	in the industry but the approach definitely the strategy was tailored to our needs. BY MS. GOODMAN: Q. And with respect to the strategy being tailored to the census bureau's needs, in your view, did the strategy deck incorporate standard industry terms, practices, and channels? MS. ZWOLINSKI: Objection. Form. THE WITNESS: Yes. BY MS. GOODMAN:
9 10 11 12 13 14 15 16 17 18	reminder letter." What does that mean? A. There was a reminder letter that was sent to households that fell within the update leave areas, asking reminding them that the census was still ongoing and that once field operations resumed, they would be visited by an enumerator to complete their census. Q. And how did they deploy digital advertising with respect to that pursuit? MS. ZWOLINSKI: Objection. Form.	7 8 9 10 11 12 13 14 15 16 17 18	in the industry but the approach definitely the strategy was tailored to our needs. BY MS. GOODMAN: Q. And with respect to the strategy being tailored to the census bureau's needs, in your view, did the strategy deck incorporate standard industry terms, practices, and channels? MS. ZWOLINSKI: Objection. Form. THE WITNESS: Yes. BY MS. GOODMAN: Q. Okay. Are you familiar with the
9 10 11 12 13 14 15 16 17 18	reminder letter." What does that mean? A. There was a reminder letter that was sent to households that fell within the update leave areas, asking reminding them that the census was still ongoing and that once field operations resumed, they would be visited by an enumerator to complete their census. Q. And how did they deploy digital advertising with respect to that pursuit? MS. ZWOLINSKI: Objection. Form. THE WITNESS: It would depend upon	7 8 9 10 11 12 13 14 15 16 17 18	in the industry but the approach definitely the strategy was tailored to our needs. BY MS. GOODMAN: Q. And with respect to the strategy being tailored to the census bureau's needs, in your view, did the strategy deck incorporate standard industry terms, practices, and channels? MS. ZWOLINSKI: Objection. Form. THE WITNESS: Yes. BY MS. GOODMAN: Q. Okay. Are you familiar with the term "open web display advertising"?

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	Page 104		Page 106
1	Page 194 Q. Where have you heard it?	1	Page 196 BY MS. GOODMAN:
2	A. It was in the filing, the suit.	2	Q. What is your earliest recollection
3	Q. Had you heard it prior to the filing	3	of encountering the term "open web display
4	of the suit?	4	advertising"?
5	A. Not that I recall.	5	MS. ZWOLINSKI: Objection. Form.
6	Q. Did you see it at all in any deck	6	THE WITNESS: That is my most recent
7	that Y&R presented to you in the course of your	7	recollection, because previously, I wouldn't
8	work?	8	have committed that to memory.
9	A. I don't recall.	9	BY MS. GOODMAN:
10		10	
	Q. Okay. But if it was there, I could find it in the documents that the census bureau		Q. Why wouldn't you have committed it
11		11	to memory previously?
12	has produced, correct?	12	A. Because it was not terminology we
13	MS. ZWOLINSKI: Objection. Form.	13	used in the course of what we were doing.
14	THE WITNESS: Yeah.	14	Q. And what is your understanding of
15	BY MS. GOODMAN:	15	the term "open web display advertising"?
16	Q. Okay. Prior to reading the filing	16	A. I'm not sure.
17	of the lawsuit strike that.	17	Q. And in the course of your work as
18	Did you read the the lawsuit that	18	the COR for contract Order 15 for paid media
19	was filed?	19	for the 2020 census, did you develop any
20	A. I tried.	20	understanding of the term "open web display
21	Q. When you say you tried, did you	21	advertising"?
22	succeed?	22	MS. ZWOLINSKI: Objection. Form.
	Page 195		Page 197
1	MS. ZWOLINSKI: Objection. Form.	1	THE WITNESS: I don't recall it
2	THE WITNESS: There it's not	2	being used in any of the introductory
3	written like a census ad, it is not written for	3	documents. I don't recall it being used in any
4	the average person to understand. It's a lot	4	of the media plan documents.
5	of legal terminology that it's frustrating	5	BY MS. GOODMAN:
6	for a nonlegal person.	6	Q. Do you consider open web display
7	BY MS. GOODMAN:	7	advertising to be a particular channel through
8	Q. When did you read the lawsuit?	8	which the census bureau could advertise for the
9	MS. ZWOLINSKI: Objection. Form.	9	2020 census?
10	THE WITNESS: After it was filed and	10	MS. ZWOLINSKI: Objection. Form.
11	I was I was made aware that it had been	11	THE WITNESS: My my
		12	interpretation is that it includes multiple
12	filed.		
13	BY MS. GOODMAN:	13	options.
13 14	BY MS. GOODMAN: Q. Do you think it was close in time to		options. BY MS. GOODMAN:
13 14 15	BY MS. GOODMAN: Q. Do you think it was close in time to when it was filed on January 24, 2023?	13	options. BY MS. GOODMAN: Q. That that open web display
13 14	BY MS. GOODMAN: Q. Do you think it was close in time to when it was filed on January 24, 2023? A. I would think so, yes.	13 14	options. BY MS. GOODMAN: Q. That that open web display advertising includes multiple options? Is that
13 14 15	BY MS. GOODMAN: Q. Do you think it was close in time to when it was filed on January 24, 2023?	13 14 15	options. BY MS. GOODMAN: Q. That that open web display
13 14 15 16	BY MS. GOODMAN: Q. Do you think it was close in time to when it was filed on January 24, 2023? A. I would think so, yes.	13 14 15 16	options. BY MS. GOODMAN: Q. That that open web display advertising includes multiple options? Is that
13 14 15 16 17	BY MS. GOODMAN: Q. Do you think it was close in time to when it was filed on January 24, 2023? A. I would think so, yes. Q. Okay. And am I is it correct	13 14 15 16 17	options. BY MS. GOODMAN: Q. That that open web display advertising includes multiple options? Is that what you mean?
13 14 15 16 17 18	BY MS. GOODMAN: Q. Do you think it was close in time to when it was filed on January 24, 2023? A. I would think so, yes. Q. Okay. And am I is it correct that the first time you recall hearing the term	13 14 15 16 17 18	options. BY MS. GOODMAN: Q. That that open web display advertising includes multiple options? Is that what you mean? A. Yes. I don't my my
13 14 15 16 17 18 19	BY MS. GOODMAN: Q. Do you think it was close in time to when it was filed on January 24, 2023? A. I would think so, yes. Q. Okay. And am I is it correct that the first time you recall hearing the term "open web display advertising" was upon reading	13 14 15 16 17 18 19	options. BY MS. GOODMAN: Q. That that open web display advertising includes multiple options? Is that what you mean? A. Yes. I don't my my interpretation is, it's not focused on only one

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1	Page 198	1	Page 200
1	term "open web display advertising"?	1	document?
2	MS. ZWOLINSKI: Objection. Form.	2	A. This is we developed a
3	THE WITNESS: Anything on the web.	3	communications plan that we shared publicly and
4	Any well, clearly programmatic. I don't	4	then we did an interim plan which was also
5	that's all I can say would be included. I	5	shared publicly. This was to come back and
6	don't know if it includes anything else.	6	close the loop, while it is not inclusive of
7	BY MS. GOODMAN:	7	every single thing we did, it is to give
8	Q. Okay. And with respect to	8	really, the public and our stakeholders it
9	programmatic, would it include all of the kinds	9	is raining the public and our stakeholders
10	of programmatic options that are available,	10	an opportunity to see some of the get a
11	such as real-time bidding and private	11	final view of some of the things that we did,
12	marketplaces for example?	12	yes.
13	MS. ZWOLINSKI: Objection. Form.	13	Q. So would it be accurate to say this
14	THE WITNESS: I don't know.	14	is an accurate summary of all of the things
15	BY MS. GOODMAN:	15	related to the communications plan for the 2020
16	Q. Would you consider advertising on	16	census that actually occurred?
17	Amazon to be open web display advertising?	17	MS. ZWOLINSKI: Objection to form.
18	MS. ZWOLINSKI: Objection. Form.	18	THE WITNESS: I would say it's very
19	THE WITNESS: I don't know.	19	broad. It might touch on some of the com I
20	MS. GOODMAN: Want to take a break?	20	will say complexities or issues we encountered,
21	THE WITNESS: Yes. I was waiting	21	and how we worked around them, but it's not
22	for you to pause and pull out another.	22	overly detailed.
	Page 199		Page 201
1	THE VIDEOGRAPHER: Going off the	1	BY MS. GOODMAN:
2	record. The time is 14:42.	2	Q. And so while it does not cover
3	(A short recess was taken.)	3	every day moment decision in time for the 2020
4	THE VIDEOGRAPHER: Back on the	4	integrated communications plan, does it
5	record. The time is 15:01.	5	accurately to the extent it discusses
6	(Deposition Exhibit 20 was marked	6	something, is it a true and accurate discussion
7	for identification.)	7	of what took place?
8	BY MS. GOODMAN:	8	MS. ZWOLINSKI: Objection. Form.
9	Q. Ms. Oliphant, I handed you Exhibit	9	THE WITNESS: Yes.
10	20, which is titled: "The 2020 Census	10	BY MS. GOODMAN:
11	Integrated Communications Plan Final Report,"	11	Q. Okay. So let's go to Page 14, and
12	dated May 27, 2021.	12	in the third bullet: "Advertising and media
13	Is this the document that is	13	buying," is it an accurate statement that:
14	publicly available on the census bureau's	14	"The campaign also deployed a broad range of
15	website to your knowledge?	15	digital paid social e-mail marketing and
16	A. I believe so.	16	keyword search advertisements that could be
17	Q. Okay. And I will represent to you	17	easily tailored, targeted and adapted to reach
18	that's where I found it and it is in beautiful	18	distinct audience groups"?
19	color and I thought that that was a better use	19	A. Yes.
20	_	20	Q. And if you turn to Page 21 under:
	of better way to read this document than how it gets produced without color.	20 21	Q. And if you turn to Page 21 under: "Use of technology and data-driven

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	P. 202		D 201
1	Page 202	1	Page 204
1	"For example," kind of in the middle of the	1	through channels with which they were likely to
2	paragraph?	2	engage."
3	A. Yes.	3	Did I read that accurately?
4	Q. And you see that this section	4	A. Yes.
5	discusses the use of digital and social media	5	Q. And what advanced digital and social
6	channels, correct?	6	media ad serving platforms were used by the
7	MS. ZWOLINSKI: Objection. Form.	7	census bureau alongside other data on census
8	THE WITNESS: Correct.	8	response rates in order to adjust campaign
9	BY MS. GOODMAN:	9	elements during the campaign execution?
10	Q. And is it is this section at all	10	MS. ZWOLINSKI: Objection. Form.
11	specific to open web display advertising to the	11	THE WITNESS: I don't know.
12	extent you understand that term?	12	BY MS. GOODMAN:
13	MS. ZWOLINSKI: Objection. Form.	13	Q. To your knowledge, did, in fact, the
14	THE WITNESS: I would not say it's	14	census bureau adjust campaign elements with the
15	specific to it but portions of it.	15	aid of advanced digital and social media ad
16	BY MS. GOODMAN:	16	serving platforms?
17	Q. Okay. And what portions of it?	17	MS. ZWOLINSKI: Objection. Form.
18	A. Well, based upon my interpretation	18	THE WITNESS: To my knowledge, the
19	of what open web that term means, I don't know	19	census bureau did adjust campaign elements. I
20	that I would include social media platforms,	20	can't necessarily say they were all done
21	but I'm not sure, in the way that they not	21	through ad serving platforms, advanced digital
22	the advertising on them, but the use of them by	22	and social media ad serving platforms.
	Page 203		Page 205
1	partners to encourage the partner serving as	1	BY MS. GOODMAN:
2	trusted voices and using their own properties,	2	Q. Do you know what that is a reference
3	social media own social media properties to	3	to?
4	encourage participation, so that's not	4	A. The advanced digital and social
5	advertising.	5	media ad serving platforms?
6	Q. I see. So who are the partners	6	Q. Correct.
7	referenced in this paragraph?	7	A. I my interpretation is that it is
8	A. Anybody and everybody that wanted to	8	how the ads were served through digital
9	ensure an accurate census, so they were	9	properties.
10	official partners of the census bureau but also	10	Q. And would that include, to your
11	a lot of unofficial partners of the census	11	knowledge, sites like Facebook, Amazon, Hulu,
12	bureau.	12	Pinterest, Google?
13	Q. I see. Okay. Now turning to Page	13	MS. ZWOLINSKI: Objection. Form.
14	22, first paragraph at the top, there is a	14	THE WITNESS: I'm not sure.
15	sentence beginning that reads: "By tracking	15	BY MS. GOODMAN:
1	and analyzing this data alongside census	16	Q. Would it be limited to any
16			particular type of display digital
	response rates, the census bureau could quickly	17/	particular type of display digital
17	response rates, the census bureau could quickly adjust campaign elements during campaign	17 18	
17 18	adjust campaign elements during campaign	18	advertising?
17 18 19	adjust campaign elements during campaign execution if issues were noted. More broadly,	18 19	advertising? MS. ZWOLINSKI: Objection to form.
17 18	adjust campaign elements during campaign	18	advertising?

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	Page 294		Page 296
1	explain what you mean by that?	1	does it pay money to an ad exchange or serving
2	MS. ZWOLINSKI: Objection. Form.	2	platform who then disseminates the ads?
3	THE WITNESS: Most the site	3	MS. ZWOLINSKI: Objection. Form.
4	directs, we had a pretty good understanding of	4	Foundation.
5	which sites they were going to directly because	5	THE WITNESS: It may go both ways.
6	it was they we worked hard for	6	I'm not sure.
7	integrations and added value and thing like	7	BY MS. GOODMAN:
8	and things like that. If it was a site that	8	Q. Okay. I will hand you Exhibit 25.
9	didn't ring a bell, it was an obscure site, by	9	I am going out of order. Sorry.
10	obscure, I mean I just don't know about the	10	CENSUS-ADS-204155 through 156.
11	site, not like I know every site, but it would	11	(Deposition Exhibit 25 was marked
12	be safe to assume it was it doesn't matter.	12	for identification.)
13	Really didn't matter how they got	13	BY MS. GOODMAN:
14	the ad. It was on this site, and this is the	14	Q. Okay. This is an e-mail you
15	audience that it was trying to reach.	15	received from Mr. Benson on March 3, 2020.
16	BY MS. GOODMAN:	16	Do you see that?
17	Q. To your knowledge, did the census	17	A. Yes.
18	bureau ever obtain a list of all of the	18	Q. And he is forwarding to you and
19	websites on which any census ad was placed?	19	others an e-mail he received from Michael
20	MS. ZWOLINSKI: Objection. Form.	20	Westervelt at Google.
21	THE WITNESS: I don't recall.	21	Do you see that?
22	BY MS. GOODMAN:	22	A. Yes.
	Page 295		Page 297
1	Q. Is that something that would have	1	Q. Okay. And Mr. Benson thought it
2	been something is that the kind of list you	2	you might find it interesting that Google is
3	would want to have in your role as order	3	saying: "We have reached 214 million unique
4	manager on Order 15?	4	users, approximately 65 percent of the
5	MS. ZWOLINSKI: Objection. Form.	5	population, on average four-plus times since we
6	THE WITNESS: It given the sheer	6	launched digital."
7	volume, no.	7	Do you see that?
8	BY MS. GOODMAN:	8	MS. ZWOLINSKI: Objection. Form.
9	Q. And to your knowledge, did the	9	Foundation.
10	subcontractor responsible for media buys, buy	10	THE WITNESS: Yes.
11	the advertising placement directly from those	11	BY MS. GOODMAN:
12	websites?	12	
		13	Q. Do you recall receiving this e-mail?
13	MS. ZWOLINSKI: Objection. Form. THE WITNESS: The subcontractor		A. No, but
14		14	Q. And you see in the chart at the
15	responsible for digital media buys would buy	15	bottom, that shows DV360 reaching 214 million
16	directly from the sites if it was site direct.	16	individuals and then Twitter, U.S. Today,
17	If it was programmatic, it would go through an	17	Nextdoor, NBC and Facebook also reaching
18	ad serving thing.	18	various numbers of unique users, right?
19	BY MS. GOODMAN:	19	MS. ZWOLINSKI: Objection to form.
20	Q. And so if it's programmatic, to your	20	THE WITNESS: Yes.
21	knowledge, does the subcontractor pay money to	21	BY MS. GOODMAN:
22	the site owner on which the ad is served, or	22	Q. Is it so looking at this

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			D 400
1	Page 298	1	Page 300
1	document, do you have an understanding now of	1	Q. Okay. But just in terms of the
2	what DV360 is?	2	course of your experience working on Order 15,
3	MS. ZWOLINSKI: Objection. Form.	3	does any one particular advertising mechanism
4	THE WITNESS: My understanding would	4	stand out to you as one that was particularly
5	be it's used to serve ads.	5	effective in helping the census bureau obtain
6	BY MS. GOODMAN:	6	its goals?
7	Q. Okay.	7	MS. ZWOLINSKI: Objection. Form.
8	A. Google uses it to serve ads.	8	THE WITNESS: They really all if
9	Q. Okay. And so do you see in this	9	they didn't work together, because they all
10	document then that the reach for the census	10	bring something different to the table to reach
11	strike that.	11	audiences in a different way, and each audience
12	What is your reaction to the news	12	receives or utilizes different media. It is
13	that Google is saying you have reached 214	13	it is hard to point to one particular vendor
14	million unique users as of March 3, 2020?	14	and say, you know, they are responsible or they
15	MS. ZWOLINSKI: Objection. Form.	15	had the greatest impact because while it may
16	THE WITNESS: That's a good thing.	16	have an impact here, it may not have, overall,
17	BY MS. GOODMAN:	17	it may not have had as high of an impact.
18	Q. I'm sorry?	18	BY MS. GOODMAN:
19	A. That's a good thing.	19	Q. If you needed to figure out how much
20	Q. And did Google help the census	20	money was paid to Google through funds
21	bureau obtain its advertising goals?	21	allocated under the Order 15 contract, how
22	MS. ZWOLINSKI: Objection. Form.	22	would you go about doing that?
	Page 299		Page 301
1	THE WITNESS: The combination of	1	MS. ZWOLINSKI: Objection. Form.
2	Google and all of our advertisers helped us	2	THE WITNESS: I would contact the
3	obtain our goals.	3	buying agency. I would call Reingold.
4	BY MS. GOODMAN:	4	BY MS. GOODMAN:
5	Q. Okay. And was there any one digital	5	Q. Have you had to call Reingold in the
6	tool in your toolkit from your point of view	6	course of this litigation to figure out how
7	that particularly aided in the meeting of the	7	much money has been paid to Google?
8	goals?	8	MS. ZWOLINSKI: Objection.
9	MS. ZWOLINSKI: Objection. Form.	9	THE WITNESS: No.
10	THE WITNESS: They all had a part in	10	BY MS. GOODMAN:
11	helping us reach our goals.	11	Q. And to your knowledge, is there a
1 1	norphig as reach our goals.	1.1	2. This to your knowledge, is there a
12	RV MS GOODMAN:	12	way to figure out how much money was noid to
12	BY MS. GOODMAN:	12	way to figure out how much money was paid to
13	Q. Did any one of them have a greater	13	Google for programmatic advertising?
13 14	Q. Did any one of them have a greater role than others?	13 14	Google for programmatic advertising? MS. ZWOLINSKI: Objection. Form.
13 14 15	Q. Did any one of them have a greater role than others? MS. ZWOLINSKI: Objection. Form.	13 14 15	Google for programmatic advertising? MS. ZWOLINSKI: Objection. Form. THE WITNESS: I don't have those
13 14 15 16	Q. Did any one of them have a greater role than others? MS. ZWOLINSKI: Objection. Form. THE WITNESS: Well, at this point in	13 14 15 16	Google for programmatic advertising? MS. ZWOLINSKI: Objection. Form. THE WITNESS: I don't have those means. Census doesn't have that. We would go
13 14 15 16 17	Q. Did any one of them have a greater role than others? MS. ZWOLINSKI: Objection. Form. THE WITNESS: Well, at this point in time, it is clearly Google, but this is just a	13 14 15 16 17	Google for programmatic advertising? MS. ZWOLINSKI: Objection. Form. THE WITNESS: I don't have those means. Census doesn't have that. We would go directly to Reingold.
13 14 15 16 17 18	Q. Did any one of them have a greater role than others? MS. ZWOLINSKI: Objection. Form. THE WITNESS: Well, at this point in time, it is clearly Google, but this is just a snapshot in time so and this is before	13 14 15 16 17	Google for programmatic advertising? MS. ZWOLINSKI: Objection. Form. THE WITNESS: I don't have those means. Census doesn't have that. We would go directly to Reingold. BY MS. GOODMAN:
13 14 15 16 17 18 19	Q. Did any one of them have a greater role than others? MS. ZWOLINSKI: Objection. Form. THE WITNESS: Well, at this point in time, it is clearly Google, but this is just a snapshot in time so and this is before pandemic, so no, I have no I can't speak to	13 14 15 16 17 18	Google for programmatic advertising? MS. ZWOLINSKI: Objection. Form. THE WITNESS: I don't have those means. Census doesn't have that. We would go directly to Reingold. BY MS. GOODMAN: Q. So sitting here today, if you could
13 14 15 16 17 18 19 20	Q. Did any one of them have a greater role than others? MS. ZWOLINSKI: Objection. Form. THE WITNESS: Well, at this point in time, it is clearly Google, but this is just a snapshot in time so and this is before pandemic, so no, I have no I can't speak to any time later without a similar type of	13 14 15 16 17 18 19 20	Google for programmatic advertising? MS. ZWOLINSKI: Objection. Form. THE WITNESS: I don't have those means. Census doesn't have that. We would go directly to Reingold. BY MS. GOODMAN: Q. So sitting here today, if you could only rely on the census bureau to figure out
13 14 15 16 17 18 19	Q. Did any one of them have a greater role than others? MS. ZWOLINSKI: Objection. Form. THE WITNESS: Well, at this point in time, it is clearly Google, but this is just a snapshot in time so and this is before pandemic, so no, I have no I can't speak to	13 14 15 16 17 18	Google for programmatic advertising? MS. ZWOLINSKI: Objection. Form. THE WITNESS: I don't have those means. Census doesn't have that. We would go directly to Reingold. BY MS. GOODMAN: Q. So sitting here today, if you could

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1	Page 302 MS. ZWOLINSKI: Objection. Form.	1	Page 304 BY MS. GOODMAN:
2	Foundation.	2	Q. So in the course of Order 15, to
3	THE WITNESS: The only thing we have	3	
	is the post-buy analysis but it provides by	4	your knowledge, did the census bureau purchase any product directly from Google?
4			
5	category, so anything that you devise, you	5	MS. ZWOLINSKI: Objection. Form.
6	you determine based upon the amount spent in	6	Foundation.
7	that category. I mean, I don't know that	7	THE WITNESS: Under Order 15 the
8	anybody could come up with that efficiently,	8	census bureau did not purchase anything
9	you know, come up it would be a really rough	9	directly from Google.
10	estimate.	10	BY MS. GOODMAN:
11	BY MS. GOODMAN:	11	Q. And under Order 15, did the census
12	Q. And using that post-buy analysis,	12	bureau purchase any particular ad tech service
13	would you be able to determine the various	13	directly from Google?
14	specific products or specific vendors used to	14	MS. ZWOLINSKI: Objection. Form.
15	purchase that type of ad?	15	Foundation.
16	MS. ZWOLINSKI: Objection. Form.	16	THE WITNESS: Under Order 15 the
17	THE WITNESS: No. The post-buy	17	census bureau did not purchase any particular
18	analysis gives you information by audience, by	18	ad-serving technology I think that's what
19	media type, by in some cases, geography, but	19	you used from Google.
20	it does not specify vendors.	20	BY MS. GOODMAN:
21	BY MS. GOODMAN:	21	Q. And did the census bureau under
22	Q. And does it specify price?	22	Order 15 purchase any open web display
	Page 303		Page 305
1	MS. ZWOLINSKI: Objection. Form.	1	advertising directly from Google?
2	THE WITNESS: Price by vendor?	2	MS. ZWOLINSKI: Objection. Form.
3	BY MS. GOODMAN:	3	Foundation.
4	Q. Sure.	4	THE WITNESS: No.
5	A. No. It is all aggregate	5	BY MS. GOODMAN:
6	information.	6	Q. And under Order 15, did the census
7	Q. Okay. And sitting here today, do	7	bureau pay Google directly for the use of
8	you have an understanding that the United	8	DV360?
9	States is seeking to obtain damages from Google	9	MS. ZWOLINSKI: Objection. Form.
10	in this lawsuit?	10	Foundation.
11	MS. ZWOLINSKI: Objection. Form.	11	THE WITNESS: No.
12	THE WITNESS: I'm not sure what the	12	BY MS. GOODMAN:
13	United States is trying to get from Google.	13	Q. Did the census bureau pay Google
14	BY MS. GOODMAN:	14	directly for the use of Google display network?
15	Q. Have you do you have any	15	MS. ZWOLINSKI: Objection. Form.
16	understanding as to whether the census bureau	16	Foundation.
	overpaid Google in the course of the 2020	17	THE WITNESS: No.
17	overpaid Google in the course of the 2020	1 7	
17 18	census?	18	BY MS. GOODMAN:
			BY MS. GOODMAN: Q. And did the census bureau pay Google
18	census?	18	
18 19	census? MS. ZWOLINSKI: Objection. Form.	18 19	Q. And did the census bureau pay Google

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			ZEIVIIIZE
1	Page 306 Foundation.	1	Page 308 BY MS. GOODMAN:
		_	
2	THE WITNESS: No.	2	Q. Why is that?
3	BY MS. GOODMAN:	3	A. Pricing data is proprietary to
4	Q. To your knowledge, did the census	4	the to the buying agencies, and they would
5	bureau pay Google directly for the use of	5	have only gotten aggregate. There wouldn't
6	Google ads?	6	have been a price per ad, price we
7	MS. ZWOLINSKI: Objection. Form.	7	wouldn't we didn't have that kind of
8	Foundation.	8	information to share.
9	THE WITNESS: No.	9	Q. Okay. But Reingold was directed to
10	BY MS. GOODMAN:	10	provide this data to the research division,
11	Q. Are you aware of a census digital ad	11	correct?
12	study that is in the process of being prepared	12	MS. ZWOLINSKI: Objection. Form.
13	at the census bureau?	13	THE WITNESS: Anything that was not
14	MS. ZWOLINSKI: Objection. Form.	14	proprietary, yes.
15	THE WITNESS: Yes.	15	BY MS. GOODMAN:
16	BY MS. GOODMAN:	16	Q. And you've read the draft report; is
17	Q. What is the census digital ad study?	17	that correct?
18	A. The research arm or research	18	MS. ZWOLINSKI: Objection. Form.
19	division of the decennial directorate utilized	19	THE WITNESS: Yes, some time ago.
20	any available data to determine whether or not	20	BY MS. GOODMAN:
21	digital advertising I think digital	21	Q. Back to the data, do you know
22	advertising was effective.	22	whether that data has been collected in
	Page 307		Page 309
1	Q. And did you facilitate that	1	connection with this litigation?
2	provision of data to the research division for	2	MS. ZWOLINSKI: Objection. Form.
3	purposes of that study?	3	THE WITNESS: Not specifically. It
4	MS. ZWOLINSKI: Objection. Form.	4	would have been in whatever they if it was
5	THE WITNESS: Yes.	5	if the draft report was in the share drive,
6	BY MS. GOODMAN:	6	then or in my e-mail then or in my files,
7	Q. And what data was provided?	7	then the answer would be yes but not
8	A. A lot of things that I probably	8	specifically.
9	let's see. A lot of industry terminology, so	9	BY MS. GOODMAN:
10	whatever they were asking for, Reingold	10	Q. Okay. But with respect to the
11	understood it. That's all that mattered, and	11	actual underlying data that is analyzed by the
12	they provided it. Census ID numbers, names of	12	research division, do you have access to that
13	ads, it's I don't it was a myriad of	13	data?
14	information. Any kind of identifier they could	14	MS. ZWOLINSKI: Objection. Form.
15	that's I don't know.	15	THE WITNESS: I am thinking. I
16	Q. Okay.	16	honestly don't recall.
17	A. It's a lot.	17	MS. GOODMAN: Okay. I will hand you
18	Q. Did it include pricing data to your	18	Exhibit 29, CENSUS-ADS-74490 through 42.
19	knowledge?	19	(Deposition Exhibit 29 was marked
20	MS. ZWOLINSKI: Objection. Form.	20	for identification.)
21	THE WITNESS: I they may have	21	BY MS. GOODMAN:
22	asked for it, but I don't think we provided it.	22	Q. Okay. This is the draft of the
44	asked for it, but I don't think we provided it.	44	Q. Okay. Inis is the draft of the

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	P. 210		D 212
1	Page 310	1	Page 312
1	census digital ad study, correct?	1	review it and comment upon it, correct?
2	A. Yes.	2	MS. ZWOLINSKI: Objection. Form.
3	Q. Okay. And if you flip through at	3	THE WITNESS: I'm sorry. Can you
4	least on page let's turn to Page 74509. Do	4	repeat.
5	you see a comment bubble with KBJ	5	BY MS. GOODMAN:
6	MS. ZWOLINSKI: Are you on the	6	Q. You had the opportunity to review
7	page	7	and comment on this draft report, correct?
8	BY MS. GOODMAN:	8	A. Yes.
9	Q in the right-hand margin?	9	Q. And if there was anything that you
10	A. 509?	10	disagreed with, you would have indicated as
11	Q. Yes.	11	much in your comments?
12	A. Yes.	12	MS. ZWOLINSKI: Objection. Form.
13	Q. And is that a comment bubble	13	THE WITNESS: Yes.
14	authored by you, KBJ?	14	MS. GOODMAN: Okay. So I will hand
15	A. That is me.	15	you Exhibit 30, CENSUS-ADS-74369 through 74414.
16	Q. Okay. And here you're stating that	16	(Deposition Exhibit 30 was marked
17	there are public documents disclosing the	17	for identification.)
18	rounded amount for digital advertising but	18	MS. ZWOLINSKI: Can I have a copy of
19	providing exact numbers will lead the curious	19	the document.
20	to identify how much was spent per digital ad	20	MS. GOODMAN: Oh, I'm so sorry.
21	for paid media.	21	MS. ZWOLINSKI: That's okay.
22	Do you see that?	22	BY MS. GOODMAN:
	Page 311		Page 313
1	A. Yes.	1	Q. And this is a memo
2	Q. So based on this comment, does it	2	MS. ZWOLINSKI: Just one second.
3	sound accurate to you that there is pricing	3	Sorry.
4	data that was analyzed in connection with this		
	data that was analyzed in connection with this	4	BY MS. GOODMAN:
5	study but that it should not be publicly	5	BY MS. GOODMAN: Q for the record documenting the
5 6			
6	study but that it should not be publicly reported?	5	Q for the record documenting the release of the final version of the 2020 census
6 7	study but that it should not be publicly reported? MS. ZWOLINSKI: Objection. Form.	5 6	Q for the record documenting the release of the final version of the 2020 census investigating digital advertising and online
6 7 8	study but that it should not be publicly reported? MS. ZWOLINSKI: Objection. Form. THE WITNESS: Reading the	5 6 7	Q for the record documenting the release of the final version of the 2020 census
6 7 8 9	study but that it should not be publicly reported? MS. ZWOLINSKI: Objection. Form. THE WITNESS: Reading the methodology cited on the page ending in 496,	5 6 7 8	Q for the record documenting the release of the final version of the 2020 census investigating digital advertising and online response evaluation report, correct? A. Yes.
6 7 8 9 10	study but that it should not be publicly reported? MS. ZWOLINSKI: Objection. Form. THE WITNESS: Reading the methodology cited on the page ending in 496, second paragraph under methodology, they	5 6 7 8 9 10	 Q for the record documenting the release of the final version of the 2020 census investigating digital advertising and online response evaluation report, correct? A. Yes. MS. ZWOLINSKI: Objection. Form.
6 7 8 9 10 11	study but that it should not be publicly reported? MS. ZWOLINSKI: Objection. Form. THE WITNESS: Reading the methodology cited on the page ending in 496, second paragraph under methodology, they mention response per impression rate, which	5 6 7 8 9 10 11	Q for the record documenting the release of the final version of the 2020 census investigating digital advertising and online response evaluation report, correct? A. Yes. MS. ZWOLINSKI: Objection. Form. THE WITNESS: If I may, going back
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6 7 8 9 10 11 12 13 14 15 16 17 18 19	study but that it should not be publicly reported? MS. ZWOLINSKI: Objection. Form. THE WITNESS: Reading the methodology cited on the page ending in 496, second paragraph under methodology, they mention response per impression rate, which describe the percent of people who clicked on the advertisement and the percent of people who clicked and responded to the census after seeing the advertisement. That seems to be is that what I was looking at? I do not believe we gave them actual cost data. BY MS. GOODMAN:	5 6 7 8 9 10 11 12 13 14 15 16 17 18	Q for the record documenting the release of the final version of the 2020 census investigating digital advertising and online response evaluation report, correct? A. Yes. MS. ZWOLINSKI: Objection. Form. THE WITNESS: If I may, going back to the previous question about cost data and my comment, we did not provide cost data to them, but by saying how many a ads ran and the total amount spent, a curious person could try to do some math to determine the act of cost. That's what my comment was referring to. That's why we rounded it versus being very specific. BY MS. GOODMAN:

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1	Page 334	1	Page 336
1	provided you legal advice?	1	MS. GOODMAN: I have no further
2	MS. ZWOLINSKI: Objection. Form.	2	questions. I'll pass the witness.
3	THE WITNESS: No.	3	MS. ZWOLINSKI: We have no
4	BY MS. GOODMAN:	4	questions.
5	Q. Okay. And is your answer the same	5	MS. GOODMAN: Okay. Thank you so
6	in January of 2023?	6	much for your time, Ms. Oliphant. I very much
7	MS. ZWOLINSKI: Objection. Form.	7	appreciate it.
8	THE WITNESS: Yes.	8	THE WITNESS: You're welcome. Thank
9	BY MS. GOODMAN:	9	you.
10	Q. Okay. And in the course of your	10	THE VIDEOGRAPHER: Off the record.
11	participation in this lawsuit if you've had	11	MS. GOODMAN: Yes.
12	questions about your participation in this	12	THE VIDEOGRAPHER: This marks the
13	lawsuit, have you turned to the attorneys at	13	end of the deposition of Kendall Oliphant. We
14	the antitrust division with your questions?	14	are going off the record at 18:24.
15	MS. ZWOLINSKI: Objection. Form.	15	(Whereupon, the proceeding was
16	THE WITNESS: No.	16	concluded at 6:24 p.m.)
17	BY MS. GOODMAN:	17	
18	Q. To whom have you turned, if anyone	18	
19	A. Commerce.	19	
20	Q. And is that Mr. Cannon?	20	
21	A. That's Mr. Cannon, yes.	21	
22	Q. Do you consider the lawyers for the	22	
	Page 335		Page 337
1	antitrust division to be lawyers for the census	1	CERTIFICATE OF NOTARY PUBLIC
2	bureau?	2	I, Bonnie L. Russo, the officer before
1 3	MS. ZWOLINSKI: Objection, Form.	3	
3 4	MS. ZWOLINSKI: Objection. Form. Foundation.	3 4	whom the foregoing deposition was taken, do
4	Foundation.	4	whom the foregoing deposition was taken, do hereby certify that the witness whose testimony
4 5	Foundation. THE WITNESS: I do not.	4 5	whom the foregoing deposition was taken, do hereby certify that the witness whose testimony appears in the foregoing deposition was duly
4 5 6	Foundation. THE WITNESS: I do not. BY MS. GOODMAN:	4 5 6	whom the foregoing deposition was taken, do hereby certify that the witness whose testimony appears in the foregoing deposition was duly sworn by me; that the testimony of said witness
4 5 6 7	Foundation. THE WITNESS: I do not. BY MS. GOODMAN: Q. Why not?	4 5 6 7	whom the foregoing deposition was taken, do hereby certify that the witness whose testimony appears in the foregoing deposition was duly sworn by me; that the testimony of said witness was taken by me in shorthand and thereafter
4 5 6 7 8	Foundation. THE WITNESS: I do not. BY MS. GOODMAN: Q. Why not? MS. ZWOLINSKI: Objection. Form.	4 5 6 7 8	whom the foregoing deposition was taken, do hereby certify that the witness whose testimony appears in the foregoing deposition was duly sworn by me; that the testimony of said witness was taken by me in shorthand and thereafter reduced to computerized transcription under my
4 5 6 7 8 9	Foundation. THE WITNESS: I do not. BY MS. GOODMAN: Q. Why not? MS. ZWOLINSKI: Objection. Form. Foundation.	4 5 6 7 8 9	whom the foregoing deposition was taken, do hereby certify that the witness whose testimony appears in the foregoing deposition was duly sworn by me; that the testimony of said witness was taken by me in shorthand and thereafter reduced to computerized transcription under my direction; that said deposition is a true
4 5 6 7 8 9	Foundation. THE WITNESS: I do not. BY MS. GOODMAN: Q. Why not? MS. ZWOLINSKI: Objection. Form. Foundation. THE WITNESS: Since census has their	4 5 6 7 8 9	whom the foregoing deposition was taken, do hereby certify that the witness whose testimony appears in the foregoing deposition was duly sworn by me; that the testimony of said witness was taken by me in shorthand and thereafter reduced to computerized transcription under my direction; that said deposition is a true record of the testimony given by said witness;
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